## **Professional Transportation Bulletin**

**PTB 178** 

**November 5, 2015** 

Statements of Interest are due before 12:00 p.m. on December 03, 2015
Selection Date: January 27, 2016





#### **Illinois Department of Transportation**

2300 South Dirksen Parkway, Springfield, Illinois 62764

# IMPORTANT NOTICE PROFESSIONAL TRANSPORTATION BULLETIN REVISIONS

Selection Date: January 27, 2016

The following revisions have been made to this Professional Transportation Bulletin. If you downloaded the bulletin prior to the noted revision date, you should incorporate the revisions or download and use a new copy of the bulletin.

REVISION DATE: There are no revisions as of November 05, 2015.

#### State Of Illinois **Contact Information**

Department Of Transportation 2300 South Dirksen Parkway Springfield, Illinois 62764

The Transportation Bulletin is the official Illinois Procurement Bulletin for the Illinois Department of Transportation as authorized by Section 15-1 of the Illinois Procurement Code, 30 ILCS 500/15-1. It is available on IDOT's WEBSITE at http://www.idot.illinois.gov/index.

#### **Professional Transportation Bulletin**

The Professional Transportation Bulletin Contains information pertaining to the advertisement for offers of interest for professional services for Department of Transportation projects.

Questions concerning this Bulletin should be directed to:

Carrie Kowalski **Consultant Unit Chief** 

E-mail: Carrie.Kowalski@illinois.gov Phone: 217-782-6916

Or mailing address:

Bureau of Design and Environment 2300 South Dirksen Parkway Attn: Consultant Unit Room 330

Springfield, IL 62764

Regional/District Contact information.

Region 1	Region 2
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**District 1** District 2 **District 3** Mr. John Fortmann Mr. Paul Loete Mr. Paul Loete 819 Depot Avenue 201 West Center Court 700 East Norris Drive Schaumburg, IL 60196 Dixon, IL 61021 P.O. Box 697 Ottawa, IL 61350

> Region 4 Region 3

**District 4** District 5 **District 6** District 7 Mr. Kensil Garnett Mr. Kensil Garnett Mr. Roger Driskell Mr. Roger Driskell 400 West Wabash 401 Main Street Route 133 West 126 East Ash St. Peoria, IL 61602 P.O. Box 610 Springfield, IL 62704 Effingham, IL 62401

Region 5

Paris, IL 61944

Mr. Jeffrey Keirn Mr. Jeffrey Keirn District 9

**District 8** State Transportation Building

1102 Eastport Plaza P.O. Box 100 Drive

Collinsville, IL 62234 Carbondale, IL 62903

# Tentative Schedule For Professional Transportation Bulletins

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PUBLISH PTB	02-04-16	05-05-16	08-14-16	11-10-16	02-02-17	05-04-17
***STATEMENTS OF INTEREST ARE DUE	02-25-16	05-26-16	08-25-16	12-01-16	02-23-17	05-25-17
SELECTION MEETING	04-20-16	7-20-16	10-19-16	01-25-17	04-19-17	07-19-17

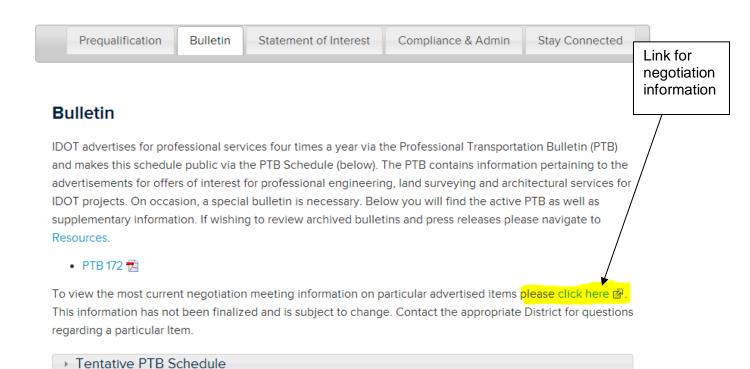
\*\*\* STATEMENTS OF INTEREST FOR THE CURRENT PTB MUST BE RECEIVED BETWEEN, Publish Date 11-05-15 & 12-03-15 (12:00 P.M. NOON)

STATEMENTS OF INTEREST RECEIVED AFTER 12:00 P.M. WILL NOT BE CONSIDERED.

Only SUBMITTALS through EPAS will be considered for Professional Transportation Bulletins.

#### **NOTICE**

Proposed Negotiation Meeting information for Items will be available under the Bulletin Tab at the following link: <a href="http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index">http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index</a>



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#### STTP S-33 Soils Field Testing and Inspection Course

**Course Objectives:** This course prepares construction and materials personnel with the basic skills and guidance to properly perform field testing and inspection of subgrade, embankment, and shallow foundations for various structures. This course also describes common geotechnical problems and the remedial actions generally used to correct them.

Upon successful completion of the course, students should be able to:

- Determine the field moisture content along with the in-situ wet and (corresponding) dry densities
- Use the Family of Curves and One Point Proctor to determine the Standard Dry Density (SDD) and Optimum Moisture Content (OMC) of a given soil
- Determine percent compaction and percent of OMC
- Determine soil stability and strength in the field using a Static and Dynamic Cone Penetrometer
- Properly inspect embankment construction
- Check roadway subgrades and determine undercut and treatment depths
- Perform inspection and soil testing to verify or establish the adequacy of foundation material for box culverts and shallow structure foundations

Successful completion of this course meets consultant eligibility requirements for Department prequalification.

**Course Materials:** Soils Field Testing and Inspection: Course Reference Manual If an updated version is available it will be provided in class. Students will need to bring a pencil, calculator and note pad with them.

**Enrollment:** Please have one coordinator from your company contact Mr. Jody Meador at 217-782-0553 or preferably by email at <a href="Jody.Meador@illinois.gov">Jody.Meador@illinois.gov</a> to enroll students in a class. **Each student will be put on a waiting list for the class of their choice**. Two to three weeks prior to class start the student or coordinator will be contacted with confirmation of enrollment. If the student cannot be enrolled in the class, they will be contacted and asked for their second class choice.

There is no fee for this class at this time.

**Schedule:** Each class is three days. The first day starts at 1:00pm and ends at 4:30pm. The second day starts at 8:30 and lasts until 4:30pm. The third and final day starts at 8:30 and ends around noon. The 2016 training schedule is listed below:

#### **Class Dates/Location:**

Based on the state not having a budget, this is what will be offered at this time.

IDOT District Six – Chastain Conference Room, 126 E. Ash St, Springfield, Illinois 62704

- January 12-14, 2016
- February 23-25. 2016

#### STATE OF ILLINOIS

Department of Transportation 2300 South Dirksen Parkway Springfield, Illinois 62764

### PROFESSIONAL TRANSPORTATION BULLETIN #178 Publish November 05, 2015

This bulletin is the official notice of needed professional services for the Illinois Department of Transportation (IDOT).

This bulletin is sent to each professional consultant on IDOT's prequalified list. A Professional firm who is not prequalified may obtain the necessary information and forms to become prequalified from the INTERNET at: http://www.dot.gov.il/Doing Business/Consultant Services/Consultant Prequalification.

This is not an invitation for bids. Firms properly prequalified for any of the projects listed herein may indicate their desire to be considered for selection by submitting a Statement of Interest for the project through the Engineering and Prequalification Agreement System (EPAS).

IDOT shall not discriminate based on race, color, national origin, or sex in the award and performance of any DOT-assisted contract or in the administration of its DBE Program or the requirements of 49 CFR part 26. IDOT shall take all necessary and reasonable steps under 49 CFR part 26 to ensure nondiscrimination in the award and administration of DOT-assisted contracts.

STATEMENTS MUST BE <u>RECEIVED</u> BY THE BUREAU OF DESIGN AND ENVIRONMENT, VIA EPAS, PRIOR TO <u>12:00 P.M.</u> LOCAL TIME, <u>December 3, 2015</u>. STATEMENTS RECEIVED AFTER THIS TIME WILL NOT BE CONSIDERED.

The selection of professional consultants by IDOT is not based on competitive bidding but on the firm's professional qualifications, experience, and expertise of key personnel to be assigned to the project with consideration also given to:

- 1) Ability to complete the work in the time required and the firm's existing workload.
- 2) The firm's proximity to the project, when important.
- 3) Extent of work, which must be subcontracted by the firm and their proposed method of accomplishing the project objectives.
- 4) Financial evaluation of the firm and its accounting methods.
- 5) Performance rating for past work done for IDOT, if applicable.

All members of the Consultant Selection Committee will be **unavailable** to discuss specifics of projects listed herein during the two-week period preceding the Selection Committee Meeting.

Departmental procedures ensure that all members of the Consultant Selection Committee are provided with detailed information concerning all Statements of Interest submitted by all consultants. Please do not send letters and/or e-mails expressing your interest in various projects and/or correspondence concerning your firm to members of the Consultant Selection Committee per Illinois Procurement and Ethics (5 ILCS 430/5-50).

#### **Class Dates/Location:**

Based on the state not having a budget, this is what will be offered at this time.

IDOT District Six – Chastain Conference Room, 126 E. Ash St, Springfield, Illinois 62704

- January 12-14, 2016
- February 23-25. 2016

## Information for Submitting Statements of Interest (SOI)

The firm acting as the prime must be prequalified in all of the prequalification categories requested in the project advertisement even if they plan to subcontract part of the project, except where noted in a specific project advertisement. Any work being done by a consultant, prime or sub must be prequalified in the IDOT prequalification category of work they are performing.

Prequalified firms may indicate their desire to be considered for selection on any of the projects listed herein by submitting a separate Statement of Interest (SOI) for each project.

All interested firms must submit through the Engineering Prequalification and Agreement System (EPAS). This includes specialty firms, for items in the Professional Transportation Bulletin that do not have prequalification categories, i.e. firms not prequalified in the established prequalification categories; typical items are painting, manual rewrites, steel fabrication inspection, specific testing, etc. These firms must contact <a href="mailto:Carrie.Kowalski@illinois.gov">Carrie.Kowalski@illinois.gov</a> to establish and account.

The EPAS instruction manual is located on the IDOT Website under Doing Business, Procurements, (Engineering, Architectural & Professional Services), and then under Prequalification and also under Statement of Interest,: <a href="http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index">http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index</a>

Information to consider when submitting:

- A brief statement of the firm's interest in performing the work. (Should be concise to the point, suggest approximately 2 pages)
- Color graphics/photographs, charts, graphs etc. can be used at your discretion. Make applicable to the requested advertisement.
- Exhibit A is used to give a snap shot of the firm's proposed staff as follows:
  - List the required key personnel to match required prequalification categories and any additional personnel requirements designated in the project advertisement. (Include firm name if work is to be completed by Subconsultant)
  - QC/QA personnel must be different individuals than the staffing, which prepared the documents.
  - Attach resumes of all key personnel listed in the SOI. It is recommended that individual resumes should not exceed two pages and must be relevant to the expertise required for the specific project.
  - Designate the estimated time required to complete the project using the personnel presented. A completion date and/or number of months to complete the project should also be provided.
  - o Identify proposed subconsultants, item(s) of work they will perform, and the estimated % of work. If a DBE Goal is in the advertisement list the DBE subconsultant(s), work the firm will be performing, and estimated % of the work. All Subconsultants must be prequalified in the area of work they will be performing.
  - Include Mentor Protégé data if participating.

## Information for Submitting Statements of Interest (SOI)

- Exhibit B is required for Projects involving Location Design Studies
   (Reconstruction/Major Rehabilitation and New Construction/Major Reconstruction) and
   all Environmental Reports (Environmental Assessment and Environmental Impact
   Statements) EPAS prompts the user to complete form B when it is required.
- Experience of the staff or firm in accomplishing similar types of work should be shown
  for only the most recent projects and should be concise and relevant to the expertise
  required for the specific project. If there are several projects with the same work
  completed, then one summary would be adequate with each location and the project
  manager noted for each. This information should be shown at the end of the SOI.
- In addition to the above requirements, any other information specifically requested in the project advertisement should also be included in the submittal.
- The Current Obligation's information is an on line application in EPAS. It must be completed before you submit the Statements of Interest.
- Instructions for completing Disclosure Forms A and B are included on pages 1 and 2 immediately preceding Forms A and B. Disclosure The Disclosure Forms are a separate document and one set for each prime is submitted. In addition, Form B should not include IDOT projects, since this information is already included in the Current Obligations.
- The Delinquent Debt is generated in the EPAS system and is submitted as a separate document. Only one document, for prime and subconsultants, with all pertinent data is required. Instructions are included with the Delinquent Debt.
- The Disclosure of Business Operations in Iran is also a separate document. Only one document for each prime is required. Instructions are included at the bottom of the Disclosure of Business Operations in Iran document.
- Exhibit A, Exhibit B (when applicable), the Current Obligations, Disclosures A & B,
   Delinquent Debt Certification, and Disclosure of Business Operations in Iran are required to be considered.

Note: Actual signatures are required on the documents. Documents without actual signatures will be returned.

# PROFESSIONAL TRANSPORTATION BULLETIN REQUIRED FORMS

#### FOR

#### STATEMENT OF INTEREST SUBMITTAL

The information in all forms is required as part of all Statement of Interest submittals. The New EPAS application has the ability to include all the required information. Some forms are attached, some data is entered into EPAS directly to generate the data for the form, and some data is entered directly and replaces the form. There is an EPAS Instruction Manual for your use and can be used when completing the SOI in EPAS.

Please review the EPAS manual instructions for the submittal process. <a href="http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index">http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index</a>

- The BDE Current Obligations is completed in EPAS; it is not a separate document.
- The Delinquent Debt is generated in EPAS based on the Statements of Interest applications is required to be completed by prime and subs and attached in the EPAS application.
- The Disclosure forms A & B are submitted via EPAS. The form is required to be completed and attached separately and then attached in the EPAS Application.
- The Disclosure of Business Operations in Iran BDE Form (BDE 2900), the form is required to be completed and attached separately and then attached in the EPAS Application.

Required forms are located at <a href="http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index">http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index</a> under the Statement of Interest Tab.

All signatures are required to be actual signatures.

Forms without an actual signature will be returned.

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2.	Lake	Job No. D-91-087-16, FAP346 (US 41) at IL 176 (Rockland Road) Storm Water Pump Station Phase II Project			
3.	Various	Job No. D-91-128-16, Various Traffic Signal Coordination and Timing (SCAT) Projects			
4.	Will	Job No. C-91-011-16, Various Intersection Improvements along IL 53 for High Speed Rail, Phase III Project			
5.	Various	Job No. D-91-123-16, Various Land Survey Projects,			
6.	Various	Job No. D-91-119-16, A Project Manager (PM) Consultant is required for Phase I, II and/or III engineering services for IDOT Local Agency Projects			
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9.	Lake	Job No. C-91-010-16, US 45 (Milburn Bypass), North of Milburn Road to North of Grass Lake Road, Phase III Project			
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#### <u>Item</u> <u>County</u> <u>Description</u>

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- 18. Various Job No. R-99-003-16, Various Survey Projects & Survey Project Management.
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#### **Bureau of Airport Engineering**

20. Various Job No. Aero-2, Update the current 2012 State Aviation Specification.

#### **Bureau of Bridges & Structures**

21. Various Job No. P-30-003-16, Various Phase I and/or II Engineering for Structure Projects Statewide.

## 1. <u>Job No. D-91-086-16, FAP 346 (US 41) at Deerpath Road Storm Water Pump Station, Phase II Project, Lake County, Region One, District One.</u>

This project requires 15% DBE participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **January 29, 2016** at **2:00 P.M.** at the Region One District One Office in **Schaumburg.** 

Phase II engineering services are required for the preparation of contract plans, specifications and cost estimates to facilitate the construction of electromechanical and electrical systems associated with the replacement and relocation of Storm Water Pumping Station 38 consisting of multiple main pumps with a standby pump for an approximate pump station capacity of approximately 10,000 gal/min and a low flow pump at the southeast quadrant of US 41 at Deerpath Road in the City of Lake Forest in Lake County. The standby main pump and low flow pump shall not be considered for the pump station capacity. The work involves equipment supply and property survey, architectural, plumbing, heating and ventilation, mechanical, electrical, lighting, security system, telecommunications, motor control, restoration of adjacent properties, storm water detention improvements, miscellaneous site and drainage work, pump station access control, structural engineering and some Phase III review of shop drawing and product data, as well as provide field support during construction. The demolition of the existing pump station will be part of a separate contract. The City of Lake Forest is accepting the transfer of maintenance and jurisdiction of the entire drainage infrastructure and Storm Water Pumping Station 38, so coordination with the City of Lake Forest and the City owned golf course, along with the department, will be required.

The Consultant will prepare a Pump Station Report utilizing the latest pump station guidelines provided by the department. The department will furnish the Consultant with available microfilm plans, project report, hydraulic report, and any other available pertinent items.

The estimated construction cost for this project is \$7,700,000. The Consultant is also expected to review and prepare plans and documents to ensure all plans are within the framework of the department's policies and procedures, local agency's requirements, and all applicable manuals, pump station design criteria, Hydraulic Institute standards, and schedules.

The completion date for this contract will be 24 months after authorization to proceed.

Key Personnel listed in **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of mechanical and electrical plan preparation documents and pump station design experience (must be an Illinois Licensed Professional Engineer).

- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform/supervise the work in the area of drainage calculations, preparation of Drainage Report, and preparation of proposed drainage plans (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of Roads and Streets, for preparation of roadway plans (must be an Illinois Licensed Professional Engineer). The Highways (Roads and Streets) prequalification category requirement may be completed by Sub and/or Prime.
- The person who will perform QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer and must be an Illinois Licensed Structural Engineer for structural work, with adequate plan specification and calculation review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Special Studies (Pump Station)
Special Services (Mechanical)
Special Services (Architecture)
Special Services (Electrical Engineering)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

## 2. <u>Job No. D-91-087-16, FAP346 (US 41) at IL 176 (Rockland Road) Storm Water Pump Station, Phase II Project, Lake County, Region One, District One.</u>

This project requires 15% DBE participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **January 29**, **2016** at **10:00 A.M.** at the Region One District One Office in **Schaumburg**.

Phase II engineering services are required for the preparation of contract plans, specifications and cost estimates to facilitate the construction of electromechanical and electrical systems associated with the new Storm Water Pumping Station 37 multiple main pumps with a standby pump for a total capacity of approximately 6000 gal/min, along with a low flow pump, at the northeast Quadrant of US 41 at Illinois 176 (Rockland Road) in the Village of Lake Bluff in Lake County. The standby main pump and low flow pump shall not be considered for the pump station capacity. The work involves equipment supply and property survey, architectural, plumbing, heating and ventilation, telecommunications, electrical, mechanical, lighting, SCADA systems, motor control, security systems and access control, miscellaneous site work, structural engineering and some Phase III review of shop drawing and product data, as well as provide field support during construction. The future improvements to the existing Storm Water Pumping Station 41 southeast of the CN Railroad overpass, aesthetic treatments, demolition of an existing pump station, and landscaping will be included in a separate contract for the overall improvement the interchange.

The estimated construction cost for this project is \$5,500,000. The Consultant is expected to review and prepare plans to ensure that all plans and documents are within the framework of the Department's and District One's design policies and procedures, local agency's requirements, all applicable manuals and schedules, pump station design criteria, and Hydraulic Institute standards. The Consultant will prepare a Pump Station Report utilizing the latest pump station guidelines provided by the department. The department will furnish the Consultant with available microfilm plans, project report, hydraulic report, and other necessary items.

The completion date for this contract will be 24 months after authorization to proceed.

Key Personnel listed in **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of mechanical and electrical plan preparation documents and pump station design experience (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.

- The person who will perform/supervise the work in the area of drainage calculations, preparation of Drainage Report, and preparation of proposed drainage plans (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of Roads and Streets, for preparation of roadway plans (must be an Illinois Licensed Professional Engineer). The Highways (Roads and Streets) prequalification category requirement may be completed by Sub and/or Prime.
- The person who will perform QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer and must be an Illinois Licensed Structural Engineer for structural work, with adequate plan specification and calculation review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Special Studies (Pump Station)
Special Services (Mechanical)
Special Services (Architecture)
Special Services (Electrical Engineering)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

## 3. <u>Job No. D-91-128-16, Various Traffic Signal Coordination and Timing (SCAT) Projects, Various Routes, Various Counties, District One.</u>

This project requires 10% DBE participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 3**, **2016** at **9:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase II engineering services are required for developing traffic signal coordination and timing (SCAT) for various systems located in District One and additional signal operation complaints. Consultants may also be required to perform traffic signal design and traffic studies as assigned by the District's Traffic Program Engineer. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The department will furnish the Consultant with manuals, plans, and/or other pertinent available information.

The Consultant's work may include accomplishment of one or more of the following tasks per Work Order for each selected location:

- After a Work Order has been assigned, the Consultant shall have two (2) weeks to implement a functional interim Time-of-Day operation program.
- Data Collection Field collection of traffic counts, turning movements, signal phasing, signal timings, equipment inventory, and other data needed to quantify existing operating conditions and determine signal optimization alternatives.
- Data Analysis Using Synchro computer modelling, run the database for each of the selected locations. Recommendations for optimal signal operation plans will be generated utilizing the existing signal equipment and equipment with minor recommended enhancements using the existing signal phasing and recommendations for improving signal phasing. Engineering judgment will be used to select the final plan to be recommended for implementation.
- Implementation The approved Time-of-Day optimization plan will be placed in operation with any necessary fine-tuning adjustments. The Traffic Responsive Program shall then be implemented and fine-tuned.
- Evaluation A study of the effectiveness of the optimization plan will be conducted. Benefits will be estimated in terms of travel delay reductions, fuel savings, and reduction of carbon monoxide emissions. Recommendations for further enhancements to the optimization plan and/or equipment modifications may be requested for locations where the operation is still unsatisfactory.
- Field observation of signal operations Identify operational problems, suggest corrective action and provide response to the complaint.
- Assist the Department in the evaluation of traffic signal operation objectives, needs and traffic demand to determine if other signal control technologies are appropriate.
- Perform other tasks such as signal design and traffic studies as assigned by the District's Traffic Program Engineer.

The completion date for this contract will be 60 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work necessary to prepare traffic signal coordination and timing optimization plans.
- The person who has the necessary experience with traffic signal equipment and who will recommend equipment enhancements, implementation of the optimization plans, recommend any fine-tuning adjustments and will identify corrective action to address operational complaints.
- The person who conducts the evaluation of the optimization plans.
- The person(s) who is(are) responsible for establishing parameters for traffic adjusted operation of closed-loop signal systems, the methodology used in establishing traffic adjusted optimization, and a listing of prior traffic adjusted programs recently implemented by the individual(s). The individual(s) must demonstrate through current experience in District One optimization along with the ability to set-up a closed-loop traffic responsive system using both volume and occupancy settings. The individual(s) must demonstrate recent District One experience in the development of traffic signal coordination and timing, utilizing the District's standard traffic controllers: Eagle/Siemens and Econolite.
- The person who will perform QC/QA review work of all final and milestone submittal documents.

Statements of interest must also include the Consultants' relevant District One SCAT projects, do not list more than 10 projects, completed by the firm within the past 5 years by members of the Consultant's current key personnel listed above.

The prime firm must be prequalified in the **Special Studies [Signal Coordination & Timing (SCAT)]** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above and a list of projects completed involving traffic signal coordination and timing, must be submitted electronically to the Central Bureau of Design and Environment through Engineering and Prequalification Agreement System (EPAS).

## 4. <u>No. C-91-011-16, Various Intersection Improvements along IL 53 for High Speed Rail, Phase III Project, Will County, Region One/District One.</u>

This project contains Federal Funds.

This project requires 25% DBE participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 11**, **2016** at **1:30 P.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering is required to provide construction inspection for various road crossings of the High Speed Rail line adjacent to IL 53 and IL 129 between Hoff Rd. near Elwood and Division St. in Braidwood. Work includes, but is not limited to relocation of the existing traffic signal at IL 113 (Main Street) and IL 129, Grade crossing roadway improvements at Center Street will include a roadway shift and reconstruction at IL 129, roadway improvements at the Coal City at-grade crossing and installation of a new interconnected traffic signal at Coal City and IL 53, Grade crossing roadway improvements at Division Street will include a roadway shifts at IL 53 and IL 129, roadway improvements of the Hoff Road at-grade crossing and installation of a new interconnected traffic signal at Hoff and IL 53, roadway improvements and relocation of the Strip Mine at-grade crossing and installation of a new interconnected traffic signal at Strip Mine and IL 53. All incidental and collateral work necessary to complete the improvement is required.

Teaming Agreements will not be allowed on this project.

The department will furnish the Consultant with Plans and Specifications.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited. At the negotiation meeting, the prime Consultant and the subconsultant(s) will disclose all previous involvement in the district as well as current relationships with contractors.

The Consultant's work includes, but is not limited to, providing staff, vehicles, and appropriate test equipment necessary to complete this project. The Consultant will furnish a Liaison Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with departmental policies.

The Consultant will provide tools of the trade. These tools will include an office computer system capable of running ICORS software. The Consultant will perform on-site inspection, layout including design changes, provide construction layout when not provided for in the contract plans, provide geotechnical inspection and testing, prepare records, maintain documentation, submit pay estimates, change orders and any other duties that would require the services of an engineer to complete this project on a timely basis and in accordance with State specifications. The anticipated construction completion date for this contract is November 30, 2017. The Consultant must complete and submit final measurements, calculations and final contract

records documents to the department no later than six (6) weeks after the completion of the project.

Key personnel listed on **Exhibit A** for this project must include:

- The Liaison Engineer (An Illinois Licensed Professional Engineer is desired)
- The Assistant Engineer.
- The Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate and must be ICORS trained. Include the Documentation Certificate Number for IDOT Documentation of Contract Quantities)
- The Materials Coordinator
- The Survey Chief.

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically, using the Engineering Prequalification and Agreement System (EPAS), to the Central Bureau of Design and Environment.

## 5. <u>Job No. D-91-123-16, Various Land Survey Projects, Various Routes, Various Counties, Region One / District One</u>

This project requires 20% DBE participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 04**, **2016** at **10:00 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase II engineering services are required for various land surveying projects throughout District One. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The department will furnish the Consultant with alignment data, title reports, existing right-of-way plats, and proposed right-of-way requirements as each work order is negotiated.

The Consultant's work includes field and office resources to prepare statutory plats of highway, legal descriptions, and field staking of same in accordance with the Department's Land Acquisition Manual and District One procedures. Some GIS and database work might also be required. They must also have a QA/QC plan to review internal work as well as assigned IDOT projects.

The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Land Surveyor.)
- The person who will perform the QA/QC review work of all milestone/work order submittal documents (must be an Illinois Licensed Professional Land Surveyor.)

The prime firm must be prequalified in the **Special Services (Surveying)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically, using the Engineering Prequalification and Agreement System (EPAS), to the Central Bureau of Design and Environment.

## 6. <u>Job No. D-91-119-16, A Project Manager (PM) Consultant is required for Phase I, II and/or III engineering services for IDOT Local Agency Projects, Region One, District One.</u>

This project requires 20% DBE participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 10**, **2016** at **10:00 A.M.** at the Region One, District One Office in **Schaumburg**.

The PM will support IDOT staff in managing local agency projects. This work involves working directly with the local agency and their consulting firms as well as other bureaus in the department. Work Orders under a blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The selected Consultant and/or their subconsultants on this project are prohibited from managing contracts where either party is the prime Consultant or a subconsultant. The selected firm and/or their subconsultants may not manage another firm if the relationship was reversed during another phase of work.

The work anticipated for the local roads projects may include:

- Manage and/or coordinate Local Agency preliminary engineering projects assigned, including Phase I reviews in accordance with IDOT and Federal standards and contract administration.
- Manage and/or coordinate environmental work effort as related to assigned projects.
- Hold regular progress meetings and briefings for IDOT including FHWA where details of project and progress are presented
- Work anticipated to manage Phase II projects:
  - Schedule and hold progress meetings as required to meet target letting dates
  - Coordinate submittals with other bureaus and agencies
  - Review documents in accordance with IDOT and Federal standards
  - Perform all necessary procurement roles as required
  - Manage and track project-level cost, schedule and budget requirements
  - Coordination with program-level and assigned project-level controls personnel
- Work anticipated for Project Control and Administration
  - o Preparation and review documents for federal, state and MFT reimbursements
  - Maintenance of various status reports for administrative coordination with other bureaus or local agencies.
  - o Updated records of Project Control Numbers and provide them as needed
  - Prepare, review and record joint agreements and engineering agreements
  - Process invoice reimbursements and maintain related records.
  - Assist others in preparing executive reports
  - Any other work as may be required to complete local roads projects

The completion date for this contract will be 60 months after authorization to proceed.

Key personnel listed on **Exhibits A & B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person(s) who will perform the duties of Project Engineer, those individuals in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).

The prime firm must be pregualified in the following categories to be considered for this project:

Highways (Roads and Streets)
Structures - Highway: Typical
Location/Design Studies (Reconstruction/Major Rehabilitation)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering Prequalification and Agreement System (EPAS).

## 7. <u>Job No. C-91-113-16; Various Quality Assurance Aggregate/HMA/PCC Projects, Various Routes, Various Counties, Region One, District One</u>

This project requires 20% DBE participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 3**, **2016** at **10:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase III engineering services are required to perform the quality assurance responsibilities of hot-mix asphalt (HMA), Portland cement concrete (PCC) construction, Aggregate Gradation Control System (AGCS), Recycled Asphalt Paving (RAP) testing, Recycled Asphalt Shingles (RAS) testing, pipe and precast producers and prestressed and precast producers. Services and responsibilities include structural steel and miscellaneous materials inspection at various sources or jobsites, Independent Assurance sampling and testing for the department for both HMA and PCC according to Federal guidelines at both plants and jobsites. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis.

Additional services and responsibilities include quality assurance inspection of prestressed and precast producers at plants and jobsites, review and processing of test data and reports. The project includes Complete Quality Assurance Testing in accordance with <a href="The Standard Specifications for Road and Bridge Construction">The Standard Specifications for Road and Bridge Construction</a>, Manual for Fabrication of Precast Prestressed Concrete Products, Policy Memorandums 11-08.2, 19-08.1, 25-08.5, 28-10.3 and any appropriate contract special provisions and plan notes or details.

The department will furnish the Consultant with daily assignments to various construction jobsites, bituminous or concrete plants, quarry field offices, District Lab facilities and prestressed and precast facilities and various producers and suppliers of structural steel and miscellaneous materials.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their sub-consultants, on the same project or on material coming from the same plant is prohibited. At the negotiation meeting, the prime Consultant and subconsultants(s) will disclose all current relationships with contractors.

The Consultant's work includes plant and on-site inspections, sampling and material testing. The Consultant will carry out quality assurance duties as defined in the construction contract, *Manual for Fabrication of Precast Prestressed Concrete Products,* Policy Memorandums 11-08.2, 19-08.1, 25-08.5, 28-10.3 and the Consultant agreement. The Consultant will maintain records and submit documentation of QC and QA activities required by the construction contract, *Manual for Fabrication of Precast Prestressed Concrete Products*,Policy Memorandums 11-08.2, 19-08.1, 25-08.5, 28-10.3.

The completion date for this contract will be 48 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The Liaison Engineer who will assume duties as Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer).
- The person(s) who will be in charge of QA Lab and Field Testing.
- QC/QA Level 1, Level 2 and Level 3 (HMA and PCC) Certified Testing Technicians.
- ACI Grade 1 and PCI Level 1 and Level 2 Certified Testing Technicians.
- The Materials QA Technician.
- Structural Steel and Miscellaneous Materials Source Inspector
- The Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. Include the Documentation Certificate Number for IDOT Class)

The Certificates of completion for required training courses must be included in the Statement of Interest for the staff presented.

The prime firm must be prequalified in the following categories to be considered for this project:

Special Services (Quality Assurance: HMA & Aggregate)
Special Services (Quality Assurance: PCC & Aggregate)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering Prequalification and Agreement System (EPAS).

## 8. <u>Job No. D-91-103-16, Various Hazardous Waste Assessments, Various Routes, Various Counties, Region One, District One.</u>

This project requires 10% DBE participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0.035**.

The Consultant selected for this project, and all subconsultants the prime Consultant will be using, are scheduled to attend a negotiation meeting on **February 4, 2016** at **9:00 A.M.** at the Region One, District One office in **Schaumburg**.

The department has contracted with the Illinois State Geological Survey (ISGS) to conduct preliminary environmental site assessments (PESA's) of property proposed for highway use. ISGS conducts land-use history investigations; researches federal, state, and local records; conducts field surveys; and determines if the property contains recognized environmental conditions (RECs), de minimis conditions, or no RECs. Work orders under a blanket agreement will be negotiated and authorized by the department on an as needed basis.

Based on PESA results, districts work with the Environment Section of the Bureau of Design and Environment (BDE) to decide whether additional analyses or other remediation actions are necessary.

Engineering services are required to perform "Preliminary Site Investigations" (PSI's), and when necessary Detailed Site Investigations (DSI's) which are identical to CERCLA RI/FS's. PSI's will entail investigations of sites potentially containing regulated substances. A variety of sites may be investigated (e.g., old, abandoned, or improperly closed dumps, chemical manufacturing sites, metal plating / fabricating sites, dry cleaning/service stations, storage tank sites and buildings, structures containing potential contamination, spills in IDOT yards, and screening for the presence of radionuclides).

Also, provisions for laboratory and field testing including geophysical surveys when needed will be required for a wide variety of regulated substances including but not limited to: soil and water quality parameters including contaminants i.e., PCB's, pesticides, heavy metals, organics and radioactive wastes.

Additional work will include conducting surveys and testing, if applicable, of stored materials, tank contents, and containers to determine whether hazardous waste, special waste, hazardous materials, or other regulated substances are present, conducting environmental compliance audits and developing or maintaining environmental management systems.

The department will furnish the Consultant with the PESA and, as available, Project Reports, field survey data, soil survey data, and plans of the existing and proposed transportation facility. Evaluation, summarization, engineering analysis, and reporting on PSI's, DSI's, laboratory analysis and survey work are included as an important part of this work.

### ANTICIPATED WORK SUMMARIES FOR THE VARIOUS TYPES OF POSSIBLE WASTE ASSESSMENTS:

#### POTENTIAL WASTE SITES INCLUDING UST-LUST SITES

Engineering services are required to perform Preliminary Site Investigations (PSI) and on occasion, Details Site Investigations (RI/FS's and RCRA assessments), plus projects requiring remedial design, which may include underground storage tank (UST) removal, and construction oversight of sites suspected to contain regulated substances, UST and leaking tanks (LUST), and/or unsecured materials of concern. The PSI's are to include verification of subsurface geologic and hydrologic conditions, identification of chemical contamination and identification of the extent of chemical contamination, when feasible.

PSI investigations include items of work such as work plans, health and safety plans, surface geophysical investigations, trenching, drilling, sampling, chemical analysis, and reporting. Laboratory testing, including quality assurance/quality control is considered to be the responsibility of the Consultant.

Following the completion of on-site activities, the firm will compile and evaluate the data and condition of each investigated property. Soil and groundwater analytical results will be compared to the applicable remediation objectives for the maximum allowable concentrations of chemical constituents in uncontaminated soil used as fill material at regulated fill operations (MAC) (35 Illinois Administrative Code (IAC) 1100.605 Subpart F and Title 35 IAC Part 742, Tiered Approach to Corrective Action Objectives (TACO).

For example, the PSI report will include an estimate of total volume of impacted soil exceeding MAC table and groundwater exceeding TACO remediation objectives. If potentially impacted soil and / or groundwater are encountered, an approach for the management and, if necessary, the off-site disposal of these materials will be presented. Approximate volume estimates and associated cost estimates for transportation and disposal will be developed and presented based on information gathered during the scope of this PSI, as well as measures to reduce potential construction worker exposures to soil exceeding ingestion or inhalation reference concentrations. Recommendations for further investigation will be presented if it is necessary to more accurately define the extent of contamination.

As a task is identified, the department will request the Consultant to prepare an outline of the work phases and technical approach, personnel requirements, detailed cost breakdown, and a schedule that is consistent with the task request. When a task order is awarded for investigation, the Consultant will be fully responsible for the sampling, testing and reporting.

For performance of this work, the Consultant will be required to assign the necessary full-time staff described in its Statement of Interest and, in many cases (except emergency response oversight), to respond with a draft work plan within 15 working days of tasking, conduct field work within ten working days after authority to proceed, prepare the draft report within three months after the authority to proceed, and complete the final report two weeks following IDOT comments. For emergency response oversight, the Consultant will be required to respond within four hours. The DEPARTMENT will typically assign a target final report completion date to each work order. Assuming sufficient lead time has been provided by the district, the DEPARTMENT will normally request submittal of the final report no later than eight to 17 weeks prior to the anticipated letting date.

The Consultant will be required to prepare IEPA LPC-663 forms (Uncontaminated Soil Certification for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation [USFO]). This certification form is used by professional engineers and professional geologists to certify, pursuant to 35 III. Adm. Code 1100.205(a)(1)(B), that soil is uncontaminated soil and is within a pH range of 6.25 and 9.0, inclusive. The firm's professional engineer or professional geologist will be required, when necessary based on results of the PSI, to stamp and sign the LPC-663 forms.

#### MISCELLANEOUS SURVEYS AND TESTING

Engineering services to perform environmental surveys and/or testing on an as-needed basis will include assignments such as conducting surveys and testing of stored materials, tank contents, containers, and environmental media (e.g., surface water, soil, air, and groundwater). The work may also include assignments such as reviewing and evaluating existing property-specific information, providing technical expertise on an as-needed basis, corrective actions in order to achieve "No Further Remediation" clearance, and other ad hoc environmental-related tasks within the scope of services normally provided by a hazardous waste Consultant.

#### **EMERGENCY RESPONSE OVERSIGHT**

Engineering services are required to perform emergency response oversight. Oversight shall include but not be limited to review of health and safety plans, drilling, sampling, chemical analysis, waste classification, reporting and coordinating the release with the proper authorities (IEPA, IEMA, U.S. EPA, Army Corps of Engineers and/or other State or Federal Agencies). Laboratory testing, including quality assurance/quality control is considered to be the responsibility of the Consultant. The Consultant should be prepared to perform any task to minimize the release and cleanup. The goal of these work assignments is to obtain closure for the release from the proper State and Federal Agencies.

#### **ENVIRONMENTAL PLANS FOR DEPARTMENT OPERATIONS FACILITIES**

Engineering services may be required to review current department operational facilities on current practices that impact the environment, investigate past practices and make recommendations for mitigation and improvements. Assist with the development of an environmental management system, which will provide a framework for practices, procedures and processes to manage the Bureau of Operations' Environmental Program.

#### **EXTRANET**

To help the Department facilitate review of work plans and PSI reports and project tracking, the Consultant will be required to upload all information regarding each work order and to provide any technical assistant necessary to ISGS in the maintenance of the extranet site hosted by ISGS. Information uploaded shall include but not be limited to draft and final work plans, draft and final PSI reports, budget information, analytical results, site location maps, site photographs, and progress reports.

#### CONFIDENTIALITY

(1) Unless otherwise directed by IDOT, the Consultant shall hold all information provided by IDOT and the results of the work performed by the Consultant confidential and shall not disclose the same to any third party except where required by governmental regulatory agencies or as otherwise required by law. Documents shall be marked "Confidential," "Attorney Work Product," "Attorney-Client Privileged," or as directed by IDOT. The confidentiality provisions herein shall survive any termination or expiration of this agreement. The Consultant shall retain the right to disclose necessary information for

- financial, tax and insurance audits as required, subject to a confidentiality agreement with the auditor. Specific information concerning the work performed will not be disclosed without IDOT's prior approval.
- (2) It is understood that: (i) you will make a reasonable effort to be available upon reasonable advance notice; (ii) you will keep confidential all information obtained, or analyses developed, in connection with this litigation or any related litigations with respect to which we may seek your advice and counsel; (iii) you will use such confidential information solely in connection with your engagement by IDOT; (iv) you will preserve any written materials, including e-mails generated or received by you in connection with this engagement, as such materials are potentially discoverable in litigation; (v) you will not in the future consult for, or otherwise represent, any other person or entity with an interest adverse to IDOT's interests in or concerning the pending litigation, or the events or occurrences out of which the pending litigation arises; and (vi) you will keep confidential your retention by IDOT, unless and until you are identified in court papers as a testifying expert or we otherwise authorize you to breach this confidentiality.
- (3) It is specifically understood that if you are later designated a testifying expert, all documents that you create may become discoverable, including drafts and notes prepared prior to the time that your opinion or report is finalized.

Therefore, you agree that: (i) you will not prepare any draft opinion or report without our consent (regardless of whether the draft is for internal purposes or to share with others); (ii) you will not share any draft opinion or report, or any notes, with any other person without our consent; (iii) every draft opinion or report will bear the following legend: 'THIS IS A PRELIMINARY DRAFT. IT HAS BEEN PREPARED BASED ON PRELIMINARY INFORMATION AND ASSUMPTIONS. NO ONE MAY RELY ON THIS DRAFT. IT IS SUBJECT TO CHANGE AS ADDITIONAL INFORMATION BECOMES AVAILABLE OR IS CLARIFIED'; (iv) all notebooks or individual pages of notes will bear the following legend: 'THESE NOTES ARE INCOMPLETE AND HAVE BEEN PREPARED FOR PERSONAL USE ONLY. NO ONE MAY RELY ON THEM FOR ANY PURPOSES. IT IS SUBJECT TO CHANGE AS ADDITIONAL INFORMATION BECOMES AVAILABLE OR IS CLARIFIED'.

The completion date for this contract (excluding emergency response oversight) will be 96 months after authorization to proceed.

Statements of Interest must include the following:

- 1. The location of the office from which the majority of work on this project will be performed and managed.
- 2. An organization chart showing the Administrative / Managerial Staff of the office and a flow chart of key Technical / Professional Staff, including field and risk assessment staff that will be assigned to this project. Similarly, information of subconsultants' location/organization should be provided.
- 3. The name of the laboratory that will be used for this project. The selected firm must have the capability of using either in-house or subcontracted laboratory facilities which are qualified to work on IEPA sites. The laboratory shall have an approved IEPA quality assurance plan and follow that plan in performing the analyses.
- 4. A statement of your firm's ability to do the work in-house, or if necessary, what work is to be subcontracted. Indicate item(s) of work, which would be subcontracted, and the proposed subcontractor(s).
- 5. A description of your mobilization plan to be used upon notification that a work order has been authorized.

6. A discussion of your organizational and management practices to maintain established schedules, avoid cost overruns, and inform IDOT of the status of work orders.

The prime firm must be prequalified in the **Special Services (Hazardous Waste - Advance)** category and be familiar with IDOT contracts.

The chosen firm will have a wide range of experience and sufficient breadth and depth to adroitly handle anything in the special waste/hazardous waste field. The firm will have expert staff to minimize the start-up learning curve for work under this PTB. Previous experience and knowledge on IDOT projects is not necessarily required. Some work will involve experience equivalent to the Special Services, Hazardous Waste-Simple pregualification category.

Firms will be evaluated on their ability to comprehend the scope of work, as evidenced by their statements of interest and prequalification packages, the quality and experience of their assigned staff; team organization, management and responsiveness; and management and data quality assurances as evidenced by laboratory procedures. The mobilization plan in the SOI will provide sufficient detail to demonstrate understanding of the process.

Additionally, the firm must comply with the following:

- Use laboratory facilities that are accredited by the IEPA under 35 Illinois Administrative Code 186.
- Use appropriately licensed and certified equipment and appropriately licensed and registered subconsultants.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification System (EPAS).

## 9. <u>Job No. C-91-010-16; US 45 (Milburn Bypass), North of Milburn Road to North of Grass Lake Road, Phase III Project, Lake County, Region One/District One.</u>

This project requires 25% DBE participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 11**, **2016**, at **9:00 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering is required to provide construction inspection services for the improvement of US 45 (Milburn Bypass): N. of Milburn Road to N. of Grass Lake Road. Work includes, but is not limited to, a west bypass of US 45 (US 45 Bypass) from Country Place Road to Independence Boulevard. US 45 Bypass will be a four lane concrete roadway with curb and gutter and barrier median. Grass Lake Road will be widened and re-aligned to the south to meet the intersection of Millburn Road at existing US 45. A new traffic signal will be installed at relocated US 45 and Grass Lake Road. Approximately 1,200 feet north of Country Place, existing US 45 will "tee" into the US 45 Bypass creating a new intersection on the south. On the north, existing US 45 will end at a cul-de-sac north of Independence Boulevard. Also included is all incidental and collateral work necessary to complete the improvement.

The following structures may be included:

- S.N. 049-0610 (US 45 over Mill Creek)
- S.N. 049-0611 (US 45 over Tributary to Milburn Creek)
- S.N. 049-C006 (US 45 over Tributary to Milburn Creek)
- S.N. 049-C007 (US 45 over Tributary to Milburn Creek)

The department will furnish the Consultant with Plans and Specifications.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited. At the negotiation meeting, the prime Consultant and the subconsultant(s) will disclose all previous involvement in the district as well as current relationships with contractors.

The Consultant's work includes, but is not limited to, providing staff, vehicles, and appropriate test equipment necessary to complete this project. The Consultant will furnish a Liaison Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies.

The Consultant will provide tools of the trade. These tools will include an office computer system capable of running ICORS software. The Consultant will perform on-site inspection, layout including design changes, provide construction layout when not provided for in the contract plans, provide geotechnical inspection and testing, prepare records, maintain documentation, submit pay estimates, change orders and any other duties that would require the services of an engineer to complete this project on a timely basis and in accordance with State specifications. The anticipated construction completion date for this contract is October 31, 2017. The Consultant must complete and submit final measurements, calculations and final contract

records documents to the department no later than six (6) weeks after the completion of the project.

Key personnel listed on **Exhibit A** for this project must include:

- The Liaison Engineer (An Illinois Licensed Professional Engineer is desired)
- The Assistant Engineer.
- The Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate and must be ICORS trained. Include the Documentation Certificate Number for IDOT Documentation of Contract Quantities)
- The Materials Coordinator
- The Materials QA Technician. (The person shall have a Level II HMA and PCC training and IDOT class S-33, Soil Testing)
- Materials Laboratory (prequalified in QA HMA & Aggregate and QA PCC & Aggregate)
- The Survey Chief.

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

## 10. <u>Job No. C-91-127-16, Various Construction Program Management for Phase III Projects, Region One, District One.</u>

This project requires 25% DBE participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 11**, **2016** at **10:00 A.M.** at the Region One, District One office in **Schaumburg**.

A Project Manager (PM) Consultant is required for Phase III engineering services as well as Four (4) to Twelve (12) Field Inspectors and Two (2) to Four (4) Technical Office Staff to support IDOT staff in various construction duties.

Work on this contract will be performed by Field Inspectors who will assist department resident engineers/technicians on various construction projects throughout the District One area. Services are anticipated to be required during the 2016, 2017, 2018, and 2019 construction seasons. Typical assignments would include, but are not limited, to, general construction inspection, project finalization, and documentation, including PCC & bituminous concrete paving operations, drainage, patching, bridge structures, bridge painting and providing general assistance as a member of a field crew. Survey/layout services may be required. The consultant may have to create and/ or maintain a website for a Phase III projects. This work may be in either English or metric units.

In addition, this contract will require Technical Office Staff to support District One's Bureau of Construction Office Staff. Services are anticipated to be required during the 2016, 2017, 2018, and 2019 construction seasons. Work includes but are not limited, assist Project Control Managers in finalizing contracts, checking force accounts bills, processing authorizations of contract changes, assist Construction Operations Manager, tracking and helping solve material deficiencies issues, monitoring of project status.

Teaming Agreements will not be allowed on this project.

The department will furnish the Consultant with contract plans and specifications.

The Consultants work includes but is not limited to providing staff, and vehicles for personnel use on construction sites and for traveling between projects. The duration of time spent at a single location would vary as a function of work assignment needs.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited. At the negotiation meeting, the prime Consultant and the subconsultant(s) will disclose all previous involvement in the district as well as current relationships with contractors.

The personnel shall have a good working knowledge of Department Specifications for Road and Bridge Construction, the Department Construction Manual and documentation and in inspection procedures. The completion date for this contract will be 36 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- Project Manager
- Inspectors (A current IDOT Construction Documentation Certificate is desired)
- Technical Office Staff

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

# 11. <u>Job No. C-94-011-16, Construction Inspection, Various Routes, Various Counties, Region Three/District Four.</u>

This project requires 25% DBE participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using is scheduled to attend a negotiation meeting on **February 1**, **2016** at **10:30 A.M**. at the Region Three/District Four Office in **Peoria**.

Phase III engineering services are required for the inspection, supervision, material testing, certification, documentation, and field inspection for roadway rehabilitation projects throughout District Four. The various types of jobs to be staffed by Consultants will be, but are not limited to, route and seal, patching, traffic signals, landscaping, milling and resurfacing, bridge construction/repairs and pavement marking. Work Orders under the blanket agreement will be negotiated authorized by the department on an as needed basis.

The Consultant will also be asked to furnish approved personnel to assist a District Resident Engineer/Technician on various projects. The Consultant will be required to perform on-site inspection, verification of contractor staking, maintain documentation, and any other duties that would be required by the Resident Engineer/Technician to complete these projects on a timely basis and in accordance with the State Specifications and Guidelines.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited. At the negotiation meeting, the prime Consultant and the subconsultant(s) will disclose all previous involvement in the district as well as current relationships with contractors.

The Consultant shall be required to furnish a laptop computer equal to the latest type used by Region Three/District Four for each project. Illinois Construction Records System (ICORS) software will be provided for downloading on the Consultant's computer.

The Consultant may also be asked to continue the implementation of an existing Independent Weight Check program within the District. If this becomes necessary, the Consultant will be trained on how to manage the program and instructed on what correspondence will be required.

The Consultant must complete and submit final measurements, calculations, field books, and all other contract record documents to the department no later than 30 days after final inspection of the project.

The completion date for this project will be 60 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The Liaison Engineer who will assume all duties as Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer).
- The Resident Engineer(s)/Construction Inspector(s) (with current IDOT Construction Documentation certificate).

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

# 12. <u>Job No. P-94-003-16 Various Surveys, Various Routes, Various Counties, Region</u> Three/District Four

This project requires 25% DBE participation, or if the contract goal is not met, documented evidence of good faith efforts.

The Complexity Factor for this project is 0.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **February 3**, **2016** at **10:30 A.M.** at the Region Three/District Four Office in **Peoria**.

Phase I/II land and route surveying services are required for various design and land acquisition projects throughout District Four. Work Orders under the blanket agreement will be negotiated authorized by the department on an as needed basis.

The department will provide any existing plans, R.O.W. documents, and/or other pertinent data required for the completion of individual projects.

The completion date for this project will be 72 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Land Surveyor.)
- The person who will perform the QA/QC review work of all milestone submittal documents (must be an Illinois Licensed Professional Land Surveyor.)

The prime firm must be prequalified in the **Special Services (Surveying)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically, using the Engineering Prequalification and Agreement System (EPAS), to the Central Bureau of Design and Environment.

# 13. <u>Job No. D-96-013-16, Various Surveys, Various Routes, Various Counties, Region Four/District 6</u>

This project requires 10% DBE participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a scope of services meeting on **February 03**, **2016** at **10:00 A.M.** in the Region Four/District 6 Office in **Springfield**.

Engineering services are required for miscellaneous surveys throughout District 6. It is anticipated this contract will include approximately eight (8) such surveys during Fiscal Year 2016. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis.

The department will furnish the Consultant with as-built construction plans, directions on completing the surveys, and any other available data.

The Consultant's work may include, but is not limited to, route surveys, bridge and hydraulic surveys, right-of-way staking, soil boring stake outs and land surveys.

The completion date for this contract will be 36 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of the project manager for all aspects of the work documents must be an Illinois licensed Land Surveyor.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Land Surveyor with adequate experience).

The prime firm must be prequalified in the **Special Services (Surveying)** category to be considered for this project.

# 14. <u>Job No. C-96-019-16, Various Phase III Projects, Various Routes, Various Counties,</u> Region Four/District Six.

This project requires 20% DBE participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **February 24, 2016** at **10:00 A.M.**, at the Region Four/District Six Construction Annex Office in **Springfield**.

Phase III construction engineering services are required to provide construction inspection, supervision, engineering layout, on-site inspection, maintenance of records and documentation, on-site material testing, and/or quality assurance testing for various projects throughout District Six. Work orders under the blanket agreement will be negotiated and authorized by the department on as needed basis. Work may be in either English or metric units.

The department will provide a Resident Engineer to direct the Contractor and to complete pay estimates and change orders. The Resident Engineer will direct/coordinate the activities of the Consultant staff provided to supplement the department's staff.

The Consultant may be required to furnish a liaison Resident Engineer to work directly with the IDOT Resident Engineer and provide staff to perform the engineering services required for these projects or provide staff to supplement the department staff. The Consultant's work force shall be adequate to allow completion of these projects in a timely manner and in accordance with the department's <u>Standard Specifications for Road and Bridge Construction</u>. The Consultant will be required to furnish all of the construction supervision, engineering layout, onsite inspection, maintenance of records and documentation, on-site material testing, quality assurance testing, and perform other duties as directed by the IDOT Resident Engineer.

Quality Assurance (QA) oversight and Contractors Quality Control (QC) by the same consultant or one of their sub-consultants on the same project or on material coming in from the same plant are prohibited. At the negotiation meeting, the prime Consultant, and sub-consultant(s) will disclose all current relationships with contractors.

The department will furnish the Consultant with plans and specifications.

The Consultant's work includes, but is not limited to, providing staff, vehicles, and appropriate test equipment necessary to complete this project. The Consultant will furnish a Liaison Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the department policies for this project.

The estimated construction costs for these projects may range from \$100,000 to \$80,000,000. The various projects are scheduled for construction during the calendar year 2016, 2017, and 2018 construction seasons.

The completion date for this contract will be 36 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The Documentation Technician(s). The person(s) actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. Include the Documentation Certificate Number for IDOT Documentation of Contract Quantities.
- Construction Inspectors. Inspectors should be familiar with IDOT inspection duties and requirements. The construction inspectors should be capable of performing geometric and physical layout as needed for construction purposes. Knowledge in the area of Hot Mix Asphalt (HMA), Portland Cement Concrete (PCC) and soils training are required.
- The person(s) actively performing as the construction inspectors on the project must possess a current IDOT Construction Documentation certificate. Include the Documentation Certificate Number for IDOT Documentation of Contract Quantities.

The prime firm must be prequalified in **Special Services (Construction Inspection)** to be considered for this project.

## 15 <u>Job No. R-96-005-15, Various Surveys, Various Routes, Various Counties, Region</u> Four/District 6

This project requires 10% DBE participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a scope of services meeting on **February 03**, **2016** at **11:00 A.M.** in the Region Four/District 6 Office in **Springfield**.

Engineering services are required for miscellaneous surveys throughout District 6. It is anticipated this contract will include approximately eight (8) such surveys during Fiscal Year 2016. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis.

The department will furnish the Consultant with as-built construction plans, directions on completing the surveys, and any other available data.

The Consultant's work may include, but is not limited to, route surveys, bridge and hydraulic surveys, right-of-way staking, soil boring stake outs and land surveys.

The completion date for this contract will be 36 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of the project manager for all aspects of the work documents must be an Illinois licensed Land Surveyor.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Land Surveyor with adequate experience).

The prime firm must be prequalified in the **Special Services (Surveying)** category to be considered for this project.

# 16. <u>Job No. D-97-006-16; Various Phase I/II Projects, Various Routes, Various Counties, Region Four, District Seven.</u>

This project requires 15% DBE participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a Scope of Services meeting on **February 3**, **2016** at **1:30 P.M.** in the Region Four, District Seven Office in **Effingham**.

Phase I/II engineering services are required for various projects throughout District Seven. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in English or metric units.

Phase I work, if required, may consist of conducting route surveys, hydraulic surveys, hydraulic analysis, geometric studies, preparing bridge condition reports, and preparing project reports (categorical exclusion projects only). This work will include data collection, development of alignment alternatives, cost estimates, traffic management analysis, accident analysis, bridge condition reports, TS&L, structure plans, and other related work and exhibits necessary to produce the Project Report, as necessary.

Phase II work, if required, may consist of conducting route surveys, land surveys, hydraulic analysis, geometric studies, preparation of TS&L structure plans, roadway plans, necessary right-of-way documents, and any other related work to complete final plans, specifications, and estimates, as necessary.

The various proposed projects may consist of simple patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, and/or new roadway projects. No work on these projects is to occur until the work order is assigned.

The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way plans, aerial photos, boring logs, and other information.

The estimated construction costs of each project may range from \$100,000 to \$5,000,000. It is anticipated that this contract will include approximately 3 to 15 different projects. The engineering services required may consist of only a portion of the total engineering work on a certain project. The completion date for this contract will be 48 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this contract must include:

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer).
- The person(s) who will perform the duties of Project Engineer who will be directly involved and responsible in the development of the reports and/or plans (must be an Illinois Licensed Professional Engineer)

- The person who will be in charge of surveys (must be an Illinois Licensed Land Surveyor). Surveying prequalification category requirement may be completed by Sub and/or Prime.
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)
Location Design Studies (Rehabilitation)
Structures (Highway: Typical)
Hydraulic Reports (Waterways: Typical)

# 17. <u>Job No. C-98-031-16; Various Construction Inspection Projects, Various Routes, Various Counties, Region 5/District 8.</u>

This project requires 20% DBE participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **February 10**, **2016** at **10:00 A.M.** at the Region 5/District 8 office in **Collinsville**.

Phase III engineering services are required for construction inspection, supervision, engineering layout, material testing, and record maintenance throughout District 8. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or metric units.

The department will furnish the Consultant with the construction plans and specifications.

The department will provide a Resident Engineer to direct the Contractor and to complete pay estimates and change orders. The Resident Engineer will direct/coordinate the activities of the Consultant staff. The Consultant may be required to furnish a liaison Resident Engineer to work directly with the IDOT Resident Engineer and provide a staff to perform the engineering services required for these projects or provide staff to supplement the Department's staff. The Consultant's work force shall be adequate to allow completion of these projects in a timely manner and in accordance with the Department's <u>Standard Specifications for Road and Bridge Construction</u>. The Consultant will be required to furnish all of the construction supervision, engineering layout, on-site inspection, maintenance of records and documentation, and perform other duties as directed by the engineer.

The Consultant will provide tools of the trade. The Consultant will perform on-site inspection and provide construction layout as directed by the engineer. The Consultant will also maintain records and documentation and perform any other duties as directed by the engineer to complete this project on a timely basis in accordance with the Department's <u>Standard Specifications for Road and Bridge Construction</u>.

The Consultant may be required to furnish a laptop computer equal to the latest type used by Region 5/District 8 for each project. Illinois Construction Records System (ICORS software will be provided for downloading on the Consultant's computer.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their sub-consultants, on the same project or on material coming from the same plant is prohibited. At the negotiation meeting, the prime Consultant and subconsultants(s) will disclose all current relationships with contractors.

The estimated construction cost of these projects may range from \$500,000 to \$5,000,000. The Consultant must complete and submit final measurements, calculations, and contract record documentation to the department no later than six (6) weeks after completion of each project as required. The various projects are scheduled for construction from 2016 through the 2018 construction seasons. The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The Liaison Resident Engineer
- The Materials Coordinator include specific details of aggregate source certification, bituminous, and/or PCC QC/QA training, and details of past experience with materials inspection
- Concrete/Bituminous Proportioning Technicians include specific details of aggregate source certification, bituminous, and/or PCC QC/QA training, and details of past experience with materials inspection
- The Document Technician (the person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. Include the Documentation Certificate Number for IDOT Documentation of Contract Quantities.)
- The Materials QA Technician
- Nuclear Density Inspector, include evidence of appropriate QC/QA density training
- The Survey Chief

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

# 18. <u>Job No. R-99-003-16 Various Survey Projects & Survey Project Management, Various Routes, Various Counties, and Region Five/District Nine</u>

This project requires 15% DBE participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **January 29, 2016** at **9:00 A.M.** at the Region Five/District Nine Office in **Carbondale**.

Phase I/II surveying services are required for various design and land acquisition projects throughout District Nine. Work Orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The department will provide any existing plans, R.O.W. documents, or other pertinent data required for the completion of individual projects. The Consultant Project Manager (PM) will supervise, manage, and direct field crew and office personnel in the completion of survey work. The PM and their staff will be expected to perform work similar to an IDOT Chief of Surveys and/or Plats & Plans Supervisor. The PM and their staff will be expected to perform the work in the district offices. The PM will sign plats prepared under supervision, as well as, in-house time keeping records.

The completion date for this project will be 60 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Land Surveyor.)
- The person who will be in charge of Surveys (must be an Illinois Licensed Professional Land Surveyor).
- The person who will be in charge of Quality Control (must be an Illinois Licensed Professional Land Surveyor).

The prime firm must be prequalified in the **Special Services (Surveying)** category to be considered for this project.

# 19. <u>Job No. D-99-010-16, Phase I/Phase II work for Various Projects, Various Routes, Various Counties, Region Five/District Nine</u>

This project requires 20% DBE participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **February 02**, **2016** at **10:00 A.M.** at the Region Five/District Nine office in **Carbondale**.

Phase I and/or II engineering services are required for the preparation of Phase I Project Reports, Bridge Condition Reports, Hydraulic Reports, TS&L's, and the preparation of preliminary and final contract plans for roadway projects and replacement, rehabilitation or repair of various structures within the District. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

Phase I engineering services the Consultant's work may include, but is not limited to, data collection, Bridge Condition Reports, Hydraulic Reports, Structure Reports, type, size and location drawings, ground and hydraulic surveys, cost estimates, right of way information, environmental consequences and related work necessary to produce Project Reports for bridge or roadway projects.

Phase II work may include preparation of pre-final and final construction plans for bridge or roadway projects.

The department will furnish traffic data, accident statistics, existing right-of-way plans, foundation borings where required, available as-built construction plans, one benchmark at each existing structure and a staked centerline of existing roadway.

The Consultant's work may consist of either complete projects or a portion of the total engineering required for a certain project. The completion date for this contract will be 72 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will assume the duties of Project Engineer, that individual in charge who is directly involved in the development of contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Hydraulic Analyses (must be and Illinois Licensed Professional Engineer).

- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will be in charge of surveys (must be an Illinois Licensed Professional Land Surveyor). Surveying prequalification category requirement may be completed by Sub and/or Prime.

The prime firm must be pregualified in the following categories to be considered for this project:

Location/Design Studies (Rehabilitation) Structures (Highway: Typical) Highways (Roads and Streets)

# 20. <u>Job No. Aero-2: Update the current 2012 State Aviation Specification, Bureau of Airport Engineering.</u>

This project contains Federal Funds.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **March 01**, **2016** at **1:00 P.M**. at the Bureau of Airport Engineering Office in **Springfield**.

The Federal Aviation Administration (FAA) recommends the guidelines and specifications for materials and methods used in the construction of airports in Advisory Circular (AC) 150/5370-10G (7/21/2014) Standards for Specifying Construction of Airports (FAA Specification). Use of this AC is mandatory for all projects funded with federal grant monies through the Airport Improvement Program (AIP). "For State specifications, the standards should be developed into specifications for a particular State. On approval by the FAA, these State specifications may be incorporated in construction contracts by reference."

The Illinois Department of Transportation (IDOT), Division of Aeronautics (Aeronautics) is seeking approval from the FAA for the continued use of the State Aviation Specification for all AIP funded projects.

Consulting engineering services are required to update the current 2012 State Aviation Specification, coordinate the review, and obtain approval for the 2016 Standard Specifications for Construction of Airports in Illinois.

The current 2012 Standard Specifications for Construction of Airports in Illinois may be accessed at the following link:

http://www.idot.illinois.gov/Assets/uploads/files/Doing-Business/Manuals-Guides-&-Handbooks/Aero/New%20Spec%20Book%20(effective%204-1-2012).pdf

The Standard Specifications for Construction of Airports in Illinois (State Aviation Specification) is tailored in the FAA Specification format and is consistent the following APPLICABLE DOCUMENTS:

AC 150/5320-6, Airport Pavement Design and Evaluation

AC 150/5300-13, Airport Design

AC 150/5320-5, Surface Drainage Design

AC 150/5370-10, Standards for Specifying Construction of Airports

Order 5100.38, Airport Improvement Program (AIP) Handbook

Order 5300.1, Modifications to Agency Airport Design, Construction, and

**Equipment Standards** 

The State Aviation Specification is not an adaptation of the state highway specifications, but rather a narrowly focused and unique airport specification that provides standardization for construction practices, materials, and testing methods across all projects throughout the state. The State Aviation Specification closely parallels the terminology and structure of the FAA Specification while meeting the intent and specificity of applicable sections of the FAA

Specification, and in numerous instances, improves upon the requirements for circumstances unique to Illinois.

The following tasks are anticipated for this project:

- 1. Project Kick-Off Meeting. The project will begin with a kick-off meeting. During this meeting, the final scope of work and work schedule will be discussed and approved that will meet the Aeronautics' specific needs and requirements with respect to the development of the State Aviation Specification. Each deliverable will be discussed in detail, so everyone will have an understanding of the schedule and final product(s) expected from this project.
- 2. Progress Update Meetings. The Consultant will update Aeronautics via monthly progress schedule reports. Consideration may also be given to FAA coordination meetings in Chicago and Washington, as necessary, to facilitate the approvals.
- 3. Maintenance and Delivery of Documentation. Aeronautics will have final technical review approval of all individual State Aviation Specification Divisions prior to coordinating with FAA for approval. As Divisions are approved, Aeronautics will receive a "track changes" version and a final "accepted changes" version of the Word document. Consultant will remain available for a period up to one year to make changes and/or modifications to the State Aviation Specification as deemed necessary by Aeronautics/FAA for purposes of clarification.
- 4. Final Deliverable. Consultant will provide electronic editable version of the final 2016 Illinois Standard Specifications for Construction of Airports in Illinois with interactive links and Divisions formatted with tabs consistent with the FAA Standard Specification as viewed via the FAA website. Consultant will work with IDOT website Bureau of Information Processing (BIP) website designers to download the 2016 State Aviation Specification for public dissemination.

The completion date for this contract will be 12 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the project (must be an Illinois Licensed Professional Engineer).
- The person(s) who will be doing the technical writing, include experience in research and development.
- The person who will perform the QC/QA review work of all milestone submittals (must be an Illinois Licensed Professional Engineer).

Statements of Interest must also include the following:

- Firm's experience with the development of technical manuals.
- Firm's techniques for completion of this work.
- Consultants' relevant Illinois airport airside pavement design projects, do not list more than 10 projects, within the previous five years.

The prime firm must be prequalified in the **Airports (Design)** category to be considered for this project, and have recent, relevant experience in Illinois airport airside pavement design utilizing the Illinois Standard Specification for Construction of Airports (April 1, 2012) within the previous five years.

# 21. <u>Job No. P-30-003-16. Various Phase I/II Engineering for Structure Projects Statewide,</u> Bureau of Bridges and Structures.

This project requires 10% DBE participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend and initial meeting on **February 2**, **2016** at **10:30 A.M.** at the Central Bureau of Bridges and Structures in Springfield.

Primary projects are anticipated to include NBIS and Element Level Inspections of major river bridges, and possible training. Limited projects will include Damage Inspections and Load Rating Inspections. The Consultant may be required to provide appropriate bridge inspection equipment to complete NBIS and Element Level Inspections, Damage Inspections, Load Rating Inspections, and Field investigations. The Consultant may also be required to provide the appropriate traffic control. Anticipated projects may also include plan preparation for the repair, rehabilitation, or replacement of structures, load capacity rating of existing and/or new structures, drafting services and possible field investigations. Work Orders under a blanket agreement will be negotiated and authorized by the department on an as needed basis. All work for this project may be in either English or metric units.

The department will furnish the available documents and resources to the Consultant. Projects to be handled by the selected Consultant vary greatly in size and complexity as well as timing. The selected Consultant must have the capacity to absorb this work without adversely affecting other commitments while still completing these projects in the prescribed time.

The completion date for this contract will be 72 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- Person who will assume the duties of Project Manager for all aspects of the work: (must be an Illinois Licensed Professional Engineer).
- Person who will perform the duties of the Project Engineer, defined as the individual-incharge who is directly involved in the development of the contract documents: (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Structural Engineer).
- Person who will perform the work in the area of structural plan preparation and will seal
  the plans as required (must be an Illinois Licensed Structural Engineer). In addition, the
  staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Structural Engineer with adequate plan review experience).
- Person who will perform the work in the area of NBIS and Element Level inspections and training must be an NBIS gualified Program Manager and an Illinois Licensed

Professional Engineer or Illinois Licensed Structural Engineer. In addition, the staff performing this work must be identified.

The prime firm must be prequalified in the **Structures (Highway: Complex)** category and have the necessary training for **NBIS** and **Element Level Inspection** to be considered for this project. Training experience must be listed in resumes.

## **NOTICE**

<u>UsDOT 1050.2A</u>, <u>Appendix E</u> will be included in all new agreement contracts, including new supplements.

#### USDOT 1050.2A APPENDIX E

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

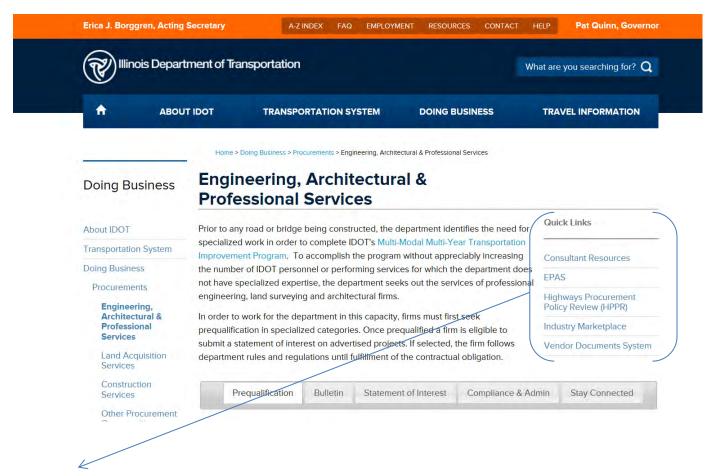
#### **Pertinent Non-Discrimination Authorities;**

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d *et seq.*, 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21.
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42U.S.C. §460 I), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 *et seq.*), (prohibits discrimination on the basis of sex);
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27; The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex); The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964. The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not); Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131-12189) as implemented by Department of Transportation regulations at 49 C.P.R. parts 37 and 38; The Federal Aviation Administration's Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex); Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and lowincome populations; Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq).

## **Navigating the web-site for Engineering Consultant Firms.**

This gives a quick overview of the website and locations of data typically used by Consultant Engineering firms.

Most information is located under the Doing Business, Procurements, Engineering, Architectural & Professional Services: <a href="http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index">http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index</a>



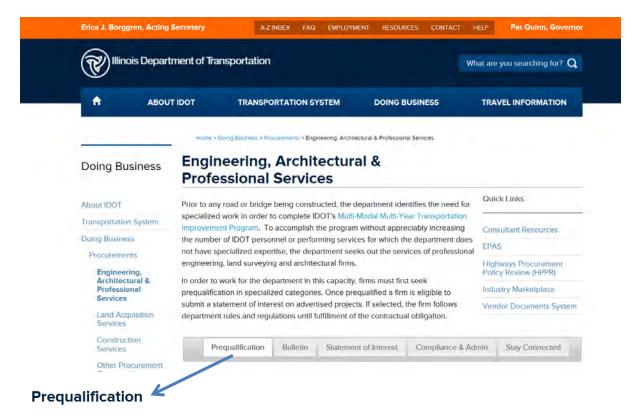
Consultant Resources: All the highway standards, specifications etc. These are resources used to create Planning/Project Reports and Plans, Specs and estimates for roads and bridges.

EPAS: The logon Screen

HPPR: Shows for Consultant Agreements, the firm selected, number of firms interested, pertinent dates.

Industry Market Place: provides up to date data for firms related to the industry.

Vendor Documents System: Log on Screen



All engineering, land surveying and architectural consultants interested in providing services to IDOT, whether as a prime or subconsultant, must be prequalified with the department. IDOT prequalifies architectural/engineering consultants in multiple transportation categories of service. Prequalification is based on the firm's and the individual's professional experience and qualification. Annual updates to statements of experience and financial condition must be completed to maintain prequalification status. The process is governed by state Statute (30 ILCS 535/1 2).

There are approximately 400 firms prequalified with IDOT that are able to submit interest on engineering, land surveying and architectural project advertisements. Updated every Friday, the List of Prequalified Consultants and List of Prequalified DBE Consultants provides the firm name, address, DBE status, contact person, phone number, fax number and prequalified IDOT category or categories.

Outlined below is information on how your firm can become prequalified, renew their prequalification, and/or add prequalification categories:

#### ▼ Prequalification

- Review the Description and Minimum Requirements for Prequalification to select which category or categories best matches the firm's expertise.

Email Carrie.Kowalski@illinois.gov 

Indicate your firm's interest in becoming a prequalified engineering consultant and attach the federal form, W-9.

Once an account has been established, EPAS & can be accessed. The EPAS Instruction Manual is also provided to assist in the navigation of the system.

- Submit an application: To become Prequalified, the Statement of Experience and Financial Condition (SEFC) must be completed directly in EPAS and EPAS will clarify all requirements.
- 4. Check status of application: Log On to EPAS . Status of application will be displayed.



IDOT advertises for professional services four times a year via the Professional Transportation Bulletin (PTB) and makes this schedule public via the PTB Schedule (below). The PTB contains information pertaining to the advertisements for offers of interest for professional engineering, land surveying and architectural services for IDOT projects. On occasion, a special bulletin is necessary. Below you will find the active PTB as well as supplementary information. If wishing to review archived bulletins and press releases please navigate to Resources.

PTB 174r2 (revised 11-20-14)

#### **Negotiation Information**

To view the most current negotiation meeting information on particular advertised items please click here ...

This information has not been finalized and is subject to change. Contact the appropriate District for questions regarding a particular Item.

# ▼ Tentative PTB Schedule Activity Publish PTB Statements of Interest Due Selection Meeting PTB 173 8/7/2014 8/28/2014 10/22/2014 PTB 174 11/6/2014 12/4/2014 1/28/2015

# Statement of Interest (SOI)

Engineering, land surveying and architectural firm selections for PTB items are Quality Based. The review of the department's governing state statute (30 ILCS 535/1 🚱) is encouraged.

Firms interested in a project, are required to submit an SOI by the advertised due date to be considered for an advertised project. To submit an SOI:

- Log on to the Engineering Prequalification and Agreements System (EPAS) and follow the prompts for requirements and review the EPAS Instruction Manual
- 2. Complete and upload the following forms to EPAS:
  - BDE DISC 2 Template Consultant's Disclosure Statement; Form A, Financial Information & Potential Conflicts of Interest Disclosure; Form B, Other Contracts & Procurements Related Information Disclosure
  - BDE 2900 
     Disclosure of Business Operations in Iran

Selection will occur on the date specified in the published PTB.

Things to Keep in Mind While Completing a SOI

#### Disadvantaged Business Enterprises (DBE) Goal

IDOT strives to maintain an equitable distribution of work for its many business partners. One way to accomplish this is through the department's administration of the federally mandated DBE Program. The DBE program is intended to provide contracting opportunities to small businesses owned and controlled by socially and economically disadvantaged individuals. On most projects a DBE percentage goal is required.

upodemen To view the directory of DBE firms that are certified please view the IL UCP (updated every

Location of forms etc., for use in doing an agreement contract with IDOT

Prequalification Bulletin Statement of Interest Compliance & Admin Stay Connected

## **Compliance & Administration**

Selected firms will receive the name of the IDOT Project Manager who will be the sole point of contact for the contract. This section of the website organizes all relevant information needed fro the following processes.



## **Agreement Execution**

The Standard Agreement Provisions for Consultant Services (SAPCS) are incorporated into the agreement and along with the scope of services, schedule, and cost. The agreement process is initiated after the selection is made in accordance with the Architectural, Engineering and Land Surveying Qualifications Based Selection Act.

For the requirements of a complete agreement proposal package please select the appropriate type of agreement below.

#### Prime Agreement

In order to execute an agreement between the selected firm and IDOT, additional requirements are needed before the project can officially begin (or continue).

## **Prime Agreement:**

 Assemble Proposal Package for a Prime Agreement: The following forms are required to enter into a Prime Agreement with IDOT. All forms are submitted to the assigned Project Manager unless otherwise noted below.

#### Requirements

- Direct Cost Check Sheet: BDE 436
- Consultant Employee Utilization Form: BDE 2350
- · Cost Estimate of Consultant Services Worksheets (CECS):
  - Anniversary Cost Plus
  - Anniversary Direct Labor Multiple (2.85)
  - Anniversary Direct Labor Multiple (2.80)
    - · Anniversary Direct Labor Multiple 🕟
    - Fixed Cost Plus
    - Fixed Direct Labor Multiple (2.85)
    - Fixed Direct Labor Multiple (2.80)
    - Fixed Direct Labor Multiple
  - Escalation Template \*
- Draft Narrative of Project Schedule and/or Bar Chart of Project Schedule
- Draft Scope of Work (customized and emailed in Microsoft Word format)
- Title VI-Nondiscrimination in Federally Assisted Programs: EEO 1981
- Negotiation Meeting Minutes
- Prime Subconsultant Agreement \*\*

Quality Assurance/Quality Compliance Plan

\*Submitted to DOT.Escalation@illinois.gov ■

\*\*Uploaded to Vendor Documents Database ② once complete
proposal package is
received by the department and the contract number appears under
the contract listing.

- Facilities Capital Cost of Money
- **2. Submit Subconsultant related documentation:** The prime firm must upload subconsultant disclosure forms and copies of subconsultant agreements to the Vendor Documents Database for each project they have been selected for.

Please note: It is the prime's responsibility to collect and upload prime and subconsultant continuing disclosures forms. These forms should be submitted starting at the end of the fiscal year (June) and should be uploaded by the beginning of the new fiscal year (July). If these requirements are not met the firm's contract will be at risk and will be contacted by the department's Procurement Office.

- **3.** Multi-Year Contract Certification. The Illinois Procurement Code requires that every person who has entered into a multi-year contract and every subcontractor with a multiyear subcontract shall certify, by July 1 of each fiscal year covered by the contract after the initial fiscal year, to the responsible Chief Procurement officer whether it continues to satisfy the certification requirements of Article 50 pertaining to eligibility for a contract award. 30 ILCS 500/50-2. To view the certifications and additional requirements of Article 50 . Please fill out the form below:
  - Continuing Disclosure for Contractors and Subcontractors with Multi-Year Contract 💁
- **4. Highway Procurement Policy Review (HPPR):** To view active engineering, architectural, professional service agreements, and/or supplemental agreements please navigate to HPPR .

## **For Supplemental:**

## Supplemental Agreement

The following forms are required if an amendment is made to the Prime Agreement and is still within the advertised scope of work.

- **1. Submit Proposal Package for a Supplemental Agreement**: All requirements are submitted to the appropriate Project Manager unless otherwise noted below.
  - Requirements
  - ► Facilities Capital Cost of Money
- **2. Submit Subconsultant related documentation:** The prime firm must upload subconsultant disclosure forms and copies of subconsultant agreements to the Vendor Documents Database of for each project they have been selected for.

Please note: It is the prime's responsibility to collect and upload prime and subconsultant continuing disclosures forms. These forms should be submitted starting at the end of the fiscal year (June) and should be uploaded by the beginning of the new fiscal year (July).

- **3. Multi-Year Contract Certification**. The Illinois Procurement Code requires that every person who has entered into a multi-year contract and every subcontractor with a multiyear subcontract shall certify, by July 1 of each fiscal year covered by the contract after the initial fiscal year, to the responsible chief procurement officer whether it continues to satisfy the certification requirements of Article 50 pertaining to eligibility for a contract award. 30 ILCS 500/50-2. To view the certifications and additional requirements of Article 50 click here ...
  - Continuing Disclosure for Contractors and Subcontractors with Multi-Year Contract @
- **4. Highway Procurement Policy Review (HPPR):** To view active engineering, architectural, professional service agreements, and/or supplemental agreements please navigate to HPPR **?**.

## **Administration of the Project**

This section lists all forms that must be submitted by consultants throughout the contract term. Included are forms related to: (1) invoices (2) closing out a project and (3) firm changes.

#### Invoices

Depending on the type of agreement, please choose the appropriate invoice to bill the department. All invoices are to be submitted to the Project Manger to get processed.

- Cost Plus Fixed Fee: BDE 430 (03/29/10)
- Cost Plus Fixed Fee Phase III: BDE 434 I (12/20/12)
- CPFF with Unit Prices: BDE 433 (03/29/10)
- Direct Labor Multiplier: BDE 428 (03/29/10)
- Direct Labor Multiple Phase I & II: BDE 431 (03/29/10)
- DLM with Unit Prices: BDE 424 (03/29/10) 🕟
- Lump Sum: BDE 426 (03/29/10)
- Specific Hourly Rate: BDE 427 (4/06) Fe
- S.U.E. formerly BDE 2545: BDE 429 (03/29/10)

#### Firm Changes

Closing out a Project

# <u>Stay connected allows firms to sign up or opt out of receiving data regarding Consultant</u> Related Issues.

Prequalification Bulletin Statement of Interest Compliance & Admin Stay Connected

## **Stay Connected**

The website is IDOT's primary way of doing business. The subscription server emails are an added courtesy the department provides. By subscribing you will receive both the Prequalification of Consultant Engineering Firms list as well as the Professional Transportation Bulletin directly via the email you enter.

#### Instructions to Subscribe

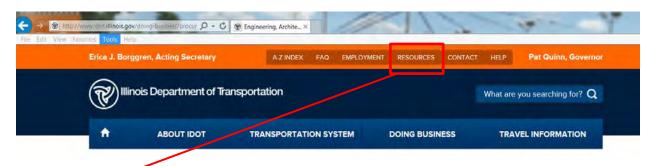
- Prepare and send an email to the IDOT Subscription Server by using the following email address subscribe-dotptb@lists.illinois.gov =.
- A confirmation email will be sent to the subscriber with instructions.



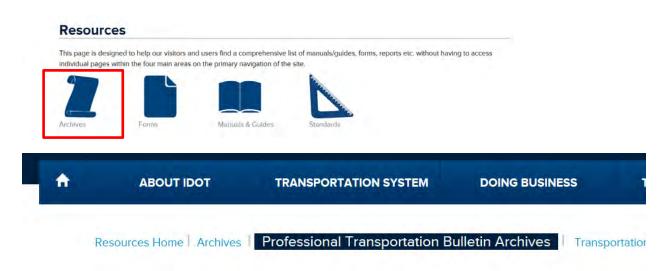
#### Instructions to Unsubscribe

1. Prepare and send an email to the IDOT Subscription Server by using the following email address unsubscribe-dot ptb@lists.illinois.gov ■.

#### Using the Top Orange Ribbon:



Go to Resources, under Archives are the previous Professional Transportation Bulletin and selected consultants

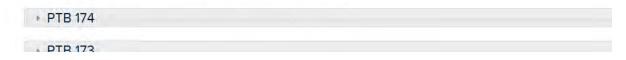


# **Professional Transportation Bulletin Archives**

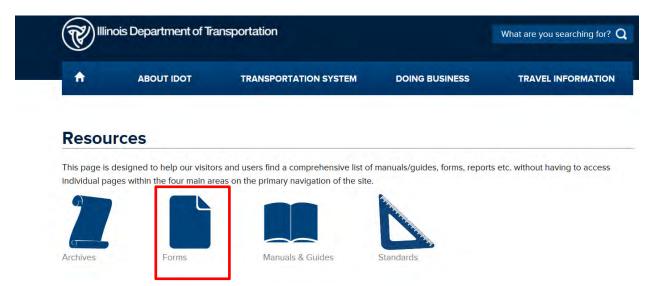
The following is a collection of past professional transportation bulletins advertised by IDOT. Contained below by year Transportation Bulletin and press releases. To view the current professional transportation bulletin navigate to Engineer Professional Services: Bulletin.



#### 2014 Archived Bulletins & Press Releases



Under Resources, Forms go to "D" and the Bureau of Design & Environment forms are located there.





#### **Forms**

The following is a complete list of forms in accordance to the alphabet letter chosen above. The following are in order by Division/Office and for number.

#### Design and Environment

- BDE 124: Request for Authorization to Bid/or Not For Bid Status (08/20/14) 🚾
- BDE 213: Estimate of Cost (4/01/10) 🕟
- BDE 220A: Estimate of Time Required (2/14/08) 🕟
- BDE 2289: Cultural and Natural Resources Review of Borrow Areas (1/30/12) 🐷
- BDE 2290: Waste/Use Area Review (3/7/12)

## Notice for aming for Professional Transpo

# Teaming for Professional Transportation Bulletin Items 10-1-15

IDOT allows the practice of multiple firms joining efforts (prequalification categories and staff) to submit as a prime on a Professional Transportation Bulletin. The action of joining forces with another consultant to submit on a Professional Transportation Bulletin is called Teaming If the firm wishes to use the option of Teaming, it is chosen on Exhibit A in EPAS.



When submitting as a team, the collective prequalifications of the team are used to determine eligibility. When a Team is selected, negotiations proceed with the Team. Contracts are executed with the Team at the end of successful negotiations.

Statements submitted by Teams may be considered unless specifically prohibited in the advertisement. The Team Agreement is signed by all parties and must be included with the statement of interest.

The Team entity will have the sum of the individual firms' prequalification, capacity and evaluation history. IDOT **DOES NOT** have a form for Team agreements. The firms submitting as a Team are required to obtain and submit the Team agreement.

If a firm is submitting as part of a Team, then the firm may not submit as a prime alone or as part of another Team on the same item. The required insurance coverage applies to the Team entity. Each individual firm's current obligations (work left), delinquent debt, Iran disclosure, and disclosure forms A&B must be completed by each of the team members. The Team entity will submit one statement of interest with the following specified:

- The firm managing the Team/Project, i.e. the lead firm;
- The Firm invoicing (typically the lead firm);
- The firm responsible for each prequalification category (must be prequalified in the category of work the firm is performing);
- Key personnel names with firm name on Exhibit A.

Teams Statements of Interest are submitted through EPAS. The firm's interested in performing as a Team(s) must coordinate with each other and submit through EPAS. The lead firm submits the Team Agreement and the Team entities must submit the required forms. See the EPAS Instruction manual.

Review the EPAS Instruction Manual for details on submitting Statements of Interest through Teaming: <a href="http://www.idot.illinois.gov/Assets/uploads/files/Doing-Business/Manuals-Guides-&-Handbooks/Highways/Design-and-Environment/EPAS%20Instructions%20Manual.pdf">http://www.idot.illinois.gov/Assets/uploads/files/Doing-Business/Manuals-Guides-&-Handbooks/Highways/Design-and-Environment/EPAS%20Instructions%20Manual.pdf</a>

# **Notice**

## **Reminder for Payroll Rate Sumbittal**

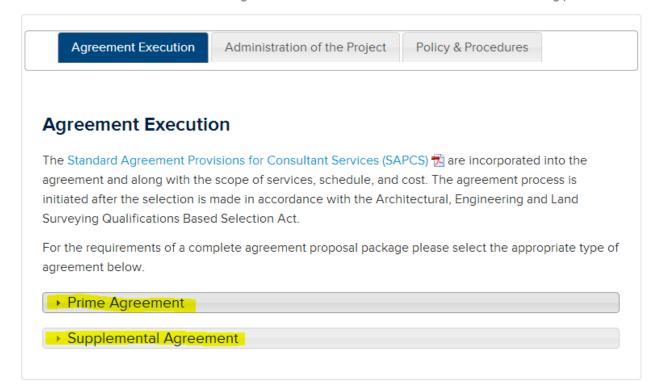
To avoid delays and expedite the agreement process it is critical to use the latest forms. Go to the IDOT website and use the latest form for updating the firms Payroll Rates. **Do Not use existing forms**. Escalation Template Revised 1/24/14.

Additional Information for the Cost Estimates and Consultant Services is available on the website: <a href="http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index#Resources">http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index#Resources</a>



## Compliance & Administration

Selected firms will receive the name of the IDOT Project Manager who will be the sole point of contact for the contract. This section of the website organizes all relevant information needed fro the following processes.

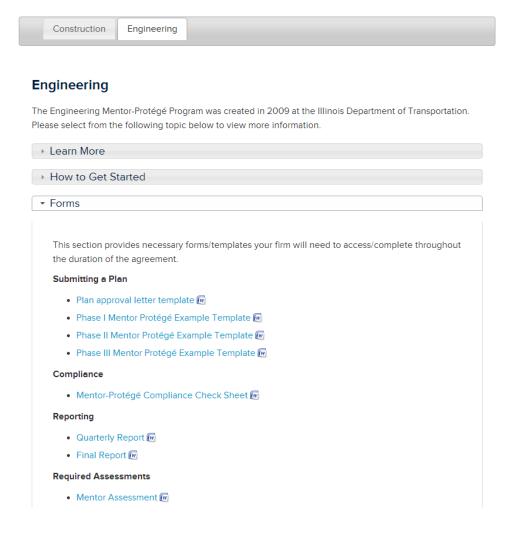


# NOTICE:

## Now available on the internet:

- Templates for Quarterly and Final Mentor-Protégé Reports.
- Mentor-Protégé Implementation has been revised.
- Assessment Templates for the Mentor and Protégé are also available.

See: <a href="http://www.idot.illinois.gov/doing-business/procurements/">http://www.idot.illinois.gov/doing-business/procurements/</a> <a href="mailto:lndustry-Marketplace/mentor-protege/index#Engineering">lndustry-Marketplace/mentor-protege/index#Engineering</a>



#### **NOTICE**

#### 2-26-13

This requirement is NOT a criteria for Selection.

For PTB 166 and all subsequent PTB's and related supplements:

TRAINING/APPRENTICESHIP PROGRAMS. The CONSULTANT and all CONSULTANT's subcontractors must participate in applicable apprenticeship and training programs approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training for all on-site construction related activities, including material testing and drilling, performed by laborers, workers and mechanics. For purposes of this Agreement, engineers, architects and land surveyors are considered "professional services" as defined in Section 30-15 of the Procurement Code and are not considered laborers, workers or mechanics. With respect to material testing and drilling, these requirements do not apply where the work is performed in a county without a prevailing wage classification for material testing as provided by the Illinois Prevailing Wage Act, 820 ILCS 130/1 et seq.

For the listing of prevailing wage classifications within a county, go to The Illinois Department of Labor.

http://www.illinois.gov/idol/Pages/default.aspx

#### SB 51 Rules

#### **Impacts**

- > Reporting is required on all communications with outside entities that do or want to do business with a state employee if the conversation is procurement specific.
- > IDOT immediately recognizes the issues with reporting publically procurement conversations.
- > IDOT stopped scheduling meetings with outside entities about future procurements.

#### **SB 51 Communications Reporting Aftermath**

- > Two long years pass
- > Firm/vendors hire and lose talent
- > Firm/vendors purchase new technology
- > Firm/vendors develop other relationships

#### **SB 51 Communications Report Relief**

- > Senator Harmon has a task force that is looking at the procurement reform legislation to see if additional changes to the procurement laws are appropriate.
- > Task force will continue their work through the summer.
- No action to date.

#### **New Rules**

- > IDOT staff determines their schedule.
- > Firm/vendor must provide an agenda two days before the meeting.
- > Consulting firm/firm/vendor must take notes.
- > All IDOT employees should also take notes.
- Outside entities must sign an OCC 2500 Form that they are aware of the communications reporting laws and will adhere to all of IDOT's policies.
- ➤ Lobbyists of firm/vendors are not prohibited from attending these scheduled meetings since no reportable discussions are to take place. Meetings with lobbyists are permissible as long as these rules are followed.
- No meetings less than two weeks before a Selection Committée Meeting or construction letting.
- > All notes, the form signed by the firm/vendor and the agenda provided should be retained by the IDOT employee that scheduled the meeting.

#### Discussions are limited to:

- > Firm/vendor personnel
- > Firm/vendor past experience
- > Work done for local agencies, other state agencies or other states
- Technology
- > Goods or Services performed by firm/vendor

#### NO PROCUREMENT DISCUSSION – PERIOD

- ➢ If procurement discussions occur, we take firm/vendors notes, add ours as necessary and post them on the internet.
- ➤ If procurement discussions occur, firm/vendor may be barred from meeting with anyone from IDOT for a year.

#### **Notice**

#### **Documentation of Contract Quantities Class**

Since July 2008, the "Documentation of Contract Quantities" class and re-tests have been administered by the University of Illinois- Illinois Center for Transportation, and coordinated by Mary J. Fries of the University of Illinois. The Illinois Center for Transportation (ICT) <a href="http://ict.illinois.edu/">http://ict.illinois.edu/</a> is an innovative partnership between IDOT and the University of Illinois at Urbana-Champaign (UIUC). All transactions and correspondence will now be through ICT and no longer with the Illinois Department of Transportation (IDOT) Central Bureau of Construction. Fees are now being charged for all classes and retests and will be required at the time of registration. Mary J. Fries can be contacted at <a href="mailto:mifries@illinois.edu">mifries@illinois.edu</a> or (217)552-2432. Course and retest dates typically take place from November through April.

For consultant and local agency enrollment, as well as answers to frequently asked questions (FAQ), the "Documentation of Contract Quantities" is located at the U of I training website <a href="http://ict.illinois.edu/outreach/documentation-training/">http://ict.illinois.edu/outreach/documentation-training/</a>

Typically, in late September/early October the class schedule for the next fall/winter/spring's Documentation of Contract Quantities classes is posted. Also, firms can sign up for an automatic email reminder via ICT's website (see "Join Notification List") whenever new information is posted on their website.

### **NOTICE**

#### **METHOD OF PAYMENT**

#### **Effective 01-26-11**

All future projects, beginning with PTB 159, will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

CPFF formula:

Compensation = DL+DC+OH+FF

#### Where FF:

#### For Prime Agreements is:

(0.37+ R)DL+%DL

#### When % is:

1 or 2 sub-consultants = 10% of Direct Labor (DL) of Subs 3 or 4 sub-consultants = 12% of Direct Labor (DL) of Subs 5 or more sub-consultants = 15% of Direct Labor (DL) of Subs

#### For Sub-Consultants

(0.37 + R)DL

#### Where:

R= Complexity Factor: 0, 0.035, or 0.07 DL = Direct Labor DC= Direct Cost OH= Overhead Rate

### Notice Of

# IDOT ELECTRONIC ENGINEERING CONSULTANT SUBSCRIPTION SERVICE November 10, 2010

To receive updates related to the Prequalification of Consultant Engineering Firms, the Publishing of the Professional Transportation Bulletin, or other information related to Consultant Engineering through the free subscription service; please follow the instructions for subscribing. The information for both these items will be automatically e-mailed to the subscriber upon release.

 $\label{located} \textbf{Located at: } \underline{\text{http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index\#Connect}$ 

#### **Instructions to Subscribe**

Please Note:

By subscribing to the IDOT-PTB list, you will receive both the Prequalification of Consultant Engineering Firms list as well as the Professional Transportation Bulletin

Prepare an e-mail to the IDOT Subscription Server by using the following e-mail address as noted below:

- 1. Address the e-mail message to: <a href="mailto:subscribe-dot-ptb@lists.illinois.gov">subscribe-dot-ptb@lists.illinois.gov</a>
- 2. Send message
- 3. A confirmation e-mail will be sent to the subscriber asking them to reply or click a link.

#### Instructions to Unsubscribe

Prepare an e-mail to the IDOT Subscription Server by using the following e-mail address as noted below:

- 1. Address the e-mail message to: <a href="mailto:unsubscribe-dot-ptb@lists.illinois.gov">unsubscribe-dot-ptb@lists.illinois.gov</a>
- 2. Send the message.
- 3. A confirmation e-mail will be sent to you removing you from the subscription list.

Return To: Cement and Concrete Reference Laboratory

At NIST

100 Bureau Drive, Stop 8616 Gaithersburg, Maryland 20899-8618 Phone: 301-975-6704

Fax: 301-975-2243 Email: ccrl@nist.gov

#### APPROVAL TO RELEASE CCRL PROFICIENCY SAMPLE RESULTS TO:

	Mark Gawedzinski, BMPR Pre-Qualification Coordinator Illinois Department of Transportation Bureau of Materials and Physical Research Springfield, Illinois mark.gawedzinski@illinois.gov 217-782-2799				
For: Laboratory Nam Address	e:				
Phone Number: CCRL Laborator					
I hereby give pe	rmission to CCR	RL to release co	pies of proficie	ncy sample re	ports:
Signature (mandatory)		Date			
Print Name					
Print Title					
E-mail Address					

This release remains in effect as long as this laboratory participates in the CCRL proficiency

sample program.

#### NOTICE Effective January 24, 2008

## Illinois Department of Transportation Requirements for Verification of Quality Assurance Consultants Enrollment in the AMRL Proficiency Assessment Program

As part of the prequalification process, Consultants wanting to become precertified as a Quality Assurance Consultant must be enrolled in the AASHTO AAP Proficiency Assessment Program. IDOT now requires consultants enrolled in the program allow IDOT access to their proficiency ratings via the AASHTO AMRL web site. In order to meet the terms of this requirement, as part of the pregualification process, each consultant is directed to the AASHTO web site at:

#### http://amrl.net

Log in to the site as you would to report your firms' proficiency assessment results. Once the firm has logged into the AASHTO web site, complete the following steps:

- Select the black "My Lab" tab at the top of the page.
- Then Under Lab Account in the left column, select Manage PSP Specifiers.
- Select Add New Specifier and then from the dropdown list, select IL Dept of Transportation.
- Select Configure Enrollment Specifiers.
- Make the following samples available for evaluation with unlimited time periods:

AASHTO	ASTM	Description			
(Illinois Modified)					
AGGREGATES					
T 11 (IL)	C117	75-µm (No. 200) by Washing			
T 27 (IL)	C136	Sieve Analysis of Fine and Coarse Aggregates			
T 84 (IL)	C128	Specific Gravity and Absorption of Fine Aggregate (Slag Labs Only)			
T 85 (IL)	C127	Specific Gravity and Absorption of Coarse Aggregate (Slag Labs Only)			
HOT-MIX ASPHALT					
T 166 (IL)	D2726	Bulk Specific Gravity			
T 209 (IL)	D2041	Maximum Specific Gravity			
T 312 (IL)		Superpave Gyratory compaction			
T 308 (IL)		Asphalt Binder Content by Ignition			
CONCRETE					
T 22 (IL)	C 39	Compressive Strength of Cylinders			
T 23 (IL)	C 31	Making and Curing Test Specimens in the Field			
T 119 (IL)	C 143	Slump			
T 121 (IL)	C 138	Weight, Yield, and Air Content			
T 126 (IL)	C 192	Making and Curing Test Specimens in the Laboratory			
T 152 (IL)	C 231	Air Content-Type A or B Pressure Method			
T 196 (IL)	C 173	Air content by Volumetric Method (if performed)			

- Select Next
- Select Finish

IDOT AMRL Proficiency Verification Page 2

Once the process is complete, consultants will no longer be required to submit AASHTO AMRL Proficiency Results as part of the prequalification process.

Contact the Consultant Services Unit of the Illinois Department of Transportation, Bureau of Design and Environment at (217)-782-6916 or the Bureau of Materials and Physical Research at (217) 782-7200 if you require additional information.

Justan Mann P.E. Acting Deputy Director

#### Notice For

#### Department Manuals, Memorandums, & Rules

The following is available on our website: <a href="http://www.idot.illinois.gov/doing-">http://www.idot.illinois.gov/doing-</a>

business/procurements/engineering-architectural-professional-services/Consultants-Resources/index

Aeronautics Part 14 Aviation Safety Rules

Aeronautics Part 16 Airport Hazard Zoning Rules

All Bridge Designer Memoranda

Bureau of Bridges and Structures Documents, Manuals and Procedures

Bureau of Construction Current Construction Memorandums Bureau of Design and Environment Manuals &

Memorandums Bureau of Land Acquisition Policies and Procedures Manual Updates

Coded Pay Items

**CREATE Manuals** 

**Land Acquisition Manual** 

Bureau of Local Roads Circular Letters

Bureau of Local Roads Manual

Bureau of Safety Engineering Programs, Policies & Manuals

Construction Manual

Geotechnical Documents Manuals and Procedures

Government Electronic Records Act

**IDOT Drainage Manual** 

Illinois Highway Info System Roadway Info & Procedure Manual

Illinois Highway Info System Structure Info & Procedure Manual

Illinois Highway Info System Railroad Info & Procedure Manual

Illinois Traffic Monitoring Program

Manual on Uniform Traffic Control Devices Oversize/Overweight Permit Policy Manual Project Procedures Guide

**Quality Standard for Work Zone Traffic Control Devices** 

The Highway Manuals Sales Order Forms (Highway Manual Order Form) is available at: <a href="http://www.idot.illinois.gov/doing-business/sales/manual-sales/index">http://www.idot.illinois.gov/doing-business/sales/manual-sales/index</a>

## NOTICE DBE FIRMS AND PROJECT GOALS

The firms noted on the List of Pre-qualified Consultants on IDOT's website (<a href="http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index#Prequalification">http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index#Prequalification</a>) are firms certified as a DBE in specified areas. It is the responsibility of any prime consultant firm to go to the Illinois Unified Certification Program web site (<a href="http://www.idot.illinois.gov/doing-business/certifications/disadvantaged-business-enterprise-certification/il-ucp-directory/index">http://www.idot.illinois.gov/doing-business/certifications/disadvantaged-business-enterprise-certification/il-ucp-directory/index</a>) to verify the subconsultant is certified as a DBE in the area of work the sub will be performing on a specific project. Only the pre-qualified areas of work the DBE firm is certified in as a DBE will be considered toward the project's DBE goal.

Each list of tasks specified on a DBE's Cost Estimate Consultant Services (CECS) will be verified for DBE certification beginning January 1, 2007.

If you have any questions on DBE certification, please contact the Office of Business and Workforce Diversity. (217) 782-5490

## Notice Of Requirement For Illinois Department of Human Rights (IDHR) Public Contract Number

Following selection, all proposal packages submitted to the Illinois Department of Transportation (IDOT) must contain the firm's IDHR number and the expiration date. The Department is required by law to require this number from all parties contracting with the State of Illinois. If your firm currently does not have an IDHR number the application form may be obtained from the following web-site <a href="http://www.state.il.us/dhr/Programs/DHR\_PBCT.htm">http://www.state.il.us/dhr/Programs/DHR\_PBCT.htm</a> or may also be obtained by contacting: DHR, Public Contracts Section Public Contracts Division100 W. Randolph, Suite 10-100Chicago, IL 60601or by calling: 312-814-2432 (TDD 312-263-1579)

NOTE: An IDHR public contract number is not required if the firm employs fewer than 15 employees.

Please be aware that, as of January 1, 2010, per Public Act 096-1786, all those filing for, *or renewing,* an IDHR number, will be charged a \$75.00 registration fee. Such registration will be valid for 5 years from the date of issuance.

# Overtime Billing for Engineering Consultant Contracts

The engineering consultant firm may bill overtime in accordance with Section 2.86 of the Standard Agreement Provisions and the following. When the employee in the same pay period, has worked on more than one project, the amount premium wages charged to a project must be in direct proportion to the total number of hours the employee worked in that pay period. (i.e. total hours worked in pay period = 50 hours (10 of which are premium hours), 25 total hours for the pay period on the project, 5 hours of overtime may be charged to the project.)

## NOTICE OF TRAINING OPPORTUNITY Updated 9-23-14

#### LAKELAND COLLEGE TRAINING COURSES

Lakeland College will be conducting QC/QA Training again this year. Please visit the web-site for further information. Information or schedules can also be obtained by contacting Marlene Browning.

Kathy Willenborg Lake Land College 5001 Lake Land Blvd. Mattoon, IL 61938-9336 Phone: (217) 234-5285

Fax: (217) 234-5381 E-Mail: idotqcqa@lakeland.cc.il.us

Internet Homepage: http://www.lakeland.cc.il.us/as/idt/index.cfm

#### NATIONAL HIGHWAY INSTITUTE (NHI) COURSES

The National Highway Institute (NHI) Course listing as well as other pertinent information is available at the following address:

https://www.nhi.fhwa.dot.gov/default.aspx

#### NATIONAL TRANSIT INSTITUTE (NTI) COURSES

The National Transit Institute (NTI) Course listing as well as other pertinent information is available at the following address:

http://www.ntionline.com

#### **ILLINOIS CENTER FOR TRANSPORTATION**

University of Illinois at Urbana-Champaign Erosion Control Research and Training Center (ECRTC).

Please visit the web-site for further information on course schedule and registration information: <a href="http://ict.illinois.edu/outreach/erosion-control-workshop/">http://ict.illinois.edu/outreach/erosion-control-workshop/</a>

For questions about registration and cancellations contact:

Trachia Wilson

Email: tstolz@illinois.edu

Phone: 217-300-3197.